

CONNECTOR PRODUCT
SELECTION MANUAL
连接器产品选型手册

电子谷
让连接更简单

万连科技

2025 CONNECTOR



广东万连科技有限公司

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公司简介 >>

COMPANY PROFILE

广东万连作为业界领先的连接方案提供商，致力于为中国制造业发展提供广泛适用性的连接器产品与技术导向型的定制化服务。

Guangdong Wanlian as a leading provider of connection solutions in the industry, is committed to providing services for the development of China's manufacturing industry provides widely applicable connector products and technology oriented customized services to create value.

经过18年的技术沉淀，万连已获得多项技术认证、国家高新技术企业认证及超150项专利认证，拥有专业的行业实验室以及完整高效的连接器产线，提供从研发、测试到生产的一站式配套服务。

After 18 years of technological precipitation, Wanlian has obtained multiple technical certifications, national high-tech enterprise certifications, and over 150 patent certifications, and has professional industry laboratories And a complete and efficient connector production line. Provide one-stop supporting services from research and development, testing to production.

万连坚持不断追求技术创新，依托超200+工程师团队，实现覆盖消费电子、工业工控、汽车、新能源等多领域，可根据客户的各种个性化需求，快速提供解决方案，满足客户多元化场景连接需求。

Wanlian insists on continuously pursuing technological innovation, relying on a team of over 200 engineers, we have achieved coverage in various fields such as consumer electronics, industrial control, automobiles, new energy, etc. We can meet the needs of various customers Personalized requirements, quickly providing solutions to meet customers' diverse scene connection needs.

未来，我们期待成为最具客户信赖的连接解决方案服务平台，让连接更简单！

In the future, we look forward to becoming the most trusted connection solution service platform for customers and Make the connection simpler!



企业愿景
让连接更简单



企业理念
以客户为中心，以人为本
团结协作，创新高效



企业使命
提供标准化、可定制的一站式连接解决方案，为客户降本增效



企业认证 >>

ENTERPRISE CERTIFICATION



生产车间 >>
WORKSHOP STORAGE



冲压车间

生产车间 >>
WORKSHOP STORAGE



线束车间



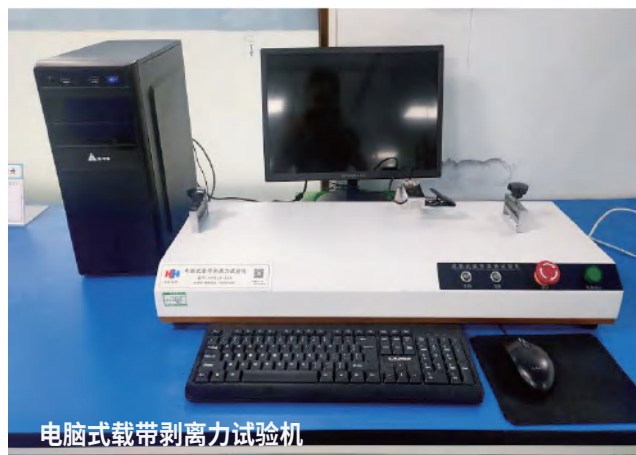
注塑车间



模具加工中心

检测设备 >>

TEST EQUIPMENT



仓储实力 >>

WAREHOUSE STRENGTH



2020年万连科技新建智能物料仓储中心,实现自动化仓储、自动化分拣快速配送,仓储面积5000多平方米。

In 2020, Wanlian Technology built an intelligent material storage center, achieving automated warehousing, automated sorting, and fast delivery, with a storage area of over 5000 square meters.



万连料号与原厂料号对照索引			
万连系列	间距	原厂	原厂系列
A1002	1.00mm	JST	SH
A1006	1.00mm	JST	SHL
A1009	1.00mm	JST	NHB
A1010	1.00mm	JST	NSH 1.0
A1201	1.20mm	MX	78171
A1251	1.25mm	MX	53398
A1254	1.25mm	MX	53780
A1255	1.25mm	yeonho	12507
A1257	1.25mm	JST	GH
A1259	1.25mm	JST	GHD
A1501	1.50mm	JST	ZH
A1502	1.50mm	MX	87437
A1504	1.50mm	JST	ZE
A1505	1.50mm	MX	504050
A1515	1.50mm	MX	213225
A1521	1.50mm	JST	ZPD
A2001	2.00mm	JST	PH
A2002	2.00mm	JST	PA
A2006	2.00mm	JST	PHD
A2008	2.00mm	JST	HY
A2009	2.00mm	JST	PHB
A2010	2.00mm	AMP	292161
A2019	2.00mm	JST	PND
A2020	2.00mm	JST	PUD
A2023	2.00mm	MX	560020
A2036	2.00mm	MX	501645
A2039	2.00mm	MX	55917
A2040	2.00mm	MX	205338

万连料号与原厂料号对照索引			
万连系列	间距	原厂	原厂系列
A2501	2.50mm	JST	XH
A2502	2.50mm	JST	EH
A2504	2.50mm	JST	NH
A2508	2.50mm	JST	XA
A2509	2.50mm	JST	XHB
A2514	2.50mm	MX	105310、105308、105314
A2547	2.50mm	MX	CD-ROM
A2548	2.50mm	MX	90130
A2549	2.50mm	TE	TE-280370-2
A3503	3.50mm	MX	33012、172256、172258、172299
A3962	3.96mm	JST	VH
A3963	3.96mm	JST	CH
A5704	5.70mm	MX	200456、200241、171692、170001
A7925	7.92mm	HRS	DF22
B1501	1.50mm	JST	SZN
B2001	2.00mm	JST	SAN
B2512&B2513	2.50mm	JST	SCN
C2003	2.00mm	MX	51005
C2004	2.00mm	JST	JWPF
C2521	2.50mm	JST	SM
C3030	3.00mm	MX	43025
C4140	4.14mm	TE	1-770166-0~90-0、1-770743-0、1-770858-0~76-0、1-770971-0、1-794066-0~79-0、1-794180-1、1-794105-0~08-0、5-770170-0
C4201	4.20mm	MX	5557
C6351	6.35mm	MX	42021、42022、42024、42024
D0801	0.80mm	JST	SUR
F1006	1.00mm	HRS	FH12

连接器选型系列

Series	Descriptiton	page
A1002 Series	1.00mm Pitch Wire to Board Connectors	001-005
A1006 Series	1.00mm Pitch Wire to Board Connectors	006-008
A1009 Series	1.00mm Pitch Wire to Board Connectors	009-013
A1010 Series	1.00mm Pitch Wire to Board Connectors	014-016
A1201 Series	1.20mm Pitch Wire to Board Connectors	017-019
A1251 Series	1.25mm Pitch Wire to Board Connectors	020-026
A1254 Series	1.25mm Pitch Wire to Board Connectors	027-029
A1255 Series	1.25mm Pitch Wire to Board Connectors	030-032
A1257 Series	1.25mm Pitch Wire to Board Connectors	033-035
A1259 Series	1.25mm Pitch Wire to Board Connectors	036-038
A1501Series	1.50mm Pitch Wire to Board Connectors	039-046
A1502 Series	1.50mm Pitch Wire to Board Connectors	047-051
A1504 Series	1.50mm Pitch Wire to Board Connectors	052-054
A1505 Series	1.50mm Pitch Wire to Board Connectors	055-057
A1515 Series	1.50mm Pitch Wire to Board Connectors	058-061
A1521 Series	1.50mm Pitch Wire to Board Connectors	062-064
A2001 Series	2.00mm Pitch Wire to Board Connectors	065-071
A2002 Series	2.00mm Pitch Wire to Board Connectors	072-076
A2006 Series	2.00mm Pitch Wire to Board Connectors	077-083
A2008 Series	2.00mm Pitch Wire to Board Connectors	084-090
A2009 Series	2.00mm Pitch Wire to Board Connectors	091-098
A2010 Series	2.00mm Pitch Wire to Board Connectors	099-101
A2019 Series	2.00mm Pitch Wire to Board Connectors	102-104
A2020 Series	2.00mm Pitch Wire to Board Connectors	105-108
A2023 Series	2.00mm Pitch Wire to Board Connectors	109-111
A2036 Series	2.00mm Pitch Wire to Board Connectors	112-115

连接器选型系列

Series	Descriptiton	page
A2039 Series	2.00mm Pitch Wire to Board Connectors	116-119
A2040 Series	2.00mm Pitch Wire to Board Connectors	120-122
A2501 Series	2.50mm Pitch Wire to Board Connectors	123-128
A2502 Series	2.50mm Pitch Wire to Board Connectors	129-131
A2504 Series	2.50mm Pitch Wire to Board Connectors	132-134
A2508 Series	2.50mm Pitch Wire to Board Connectors	135-139
A2509 Series	2.50mm Pitch Wire to Board Connectors	140-144
A2514 Series	2.50mm Pitch Wire to Board Connectors	145-149
A2547 Series	2.54mm Pitch Wire to Board Connectors	150-156
A2548 Series	2.54mm Pitch Wire to Board Connectors	157-160
A2549 Series	2.54mm Pitch Wire to Board Connectors	161-166
A3503 Series	3.50mm Pitch Wire to Board Connectors	167-171
A3962 Series	3.96mm Pitch Wire to Board Connectors	172-177
A3963 Series	3.96mm Pitch Wire to Board Connectors	178-181
A5704 Series	5.70mm Pitch Wire to Board Connectors	182-187
A7925 Series	7.92mm Pitch Wire to Board Connectors	188-190
B0501 Series	0.50mm Pitch Board to Board Connectors	191-192
B0501AV&B0501WV Series	0.50mm Pitch Board to Board Connectors	193-195
B0502 Series	0.50mm Pitch Board to Board Connectors	196-197
B0801 Series	0.80mm Pitch Board to Board Connectors	198-199
B0802 Series	0.80mm Pitch Board to Board Connectors	200-201
B0802FV&B0802AV Series	0.80mm Pitch Board to Board Connectors	202-203
B0804 Series	0.80mm Pitch Board to Board Connectors	204-205
B0805 Series	0.80mm Pitch Board to Board Connectors	206-207
B0806 Series	0.80mm Pitch Board to Board Connectors	208-209
B1001 Series	1.00mm Pitch Board to Board Connectors	210-212

连接器选型系列

Series	Descripiton	page
B1501 Series	1.50mm Pitch Board to Board Connectors	213-215
B2001 Series	2.00mm Pitch Board to Board Connectors	216-218
B2512&B2513 Series	2.50mm Pitch Board to Board Connectors	219-221
C2003 Series	2.00mm Pitch Wire to Wire Connectors	222-224
C2004 Series	2.00mm Pitch Wire to Wire Connectors	225-228
C2521 Series	2.50mm Pitch Wire to Wire Connectors	229-231
C3030 Series	3.00mm Pitch Wire to Wire Connectors	232-252
C4140 Series	4.14mm Pitch Wire to Wire Connectors	253-261
C4201 Series	4.20mm Pitch Wire to Wire Connectors	262-278
C6351 Series	6.35mm Pitch Wire to Wire Connectors	279-283
D0801 Series	0.80mm Pitch Pierced Type Connectors	284-288
F0301 Series	0.30mm Pitch FPC/FFC Connectors	289-290
F0303 Series	0.30mm Pitch FPC/FFC Connectors	291-292
F0501Series	0.50mm Pitch FPC/FFC Connectors	293-300
F0502 Series	0.50mm Pitch FPC/FFC Connectors	301-302
F0503 Series	0.50mm Pitch FPC/FFC Connectors	303-304
F0505 Series	0.50mm Pitch FPC/FFC Connectors	305-308
F0506 Series	0.50mm Pitch FPC/FFC Connectors	309-310
F0507 Series	0.50mm Pitch FPC/FFC Connectors	311-312
F0801 Series	0.80mm Pitch FPC/FFC Connectors	313-314
F1001 Series	1.00mm Pitch FPC/FFC Connectors	315-316
F1003 Series	1.00mm Pitch FPC/FFC Connectors	317-320
F1004 Series	1.00mm Pitch FPC/FFC Connectors	321-322
F1005 Series	1.00mm Pitch FPC/FFC Connectors	323-330
F1006 Series	1.00mm Pitch FPC/FFC Connectors	331-332
F1007 Series	1.00mm Pitch FPC/FFC Connectors	333-334

连接器选型系列

Series	Descripiton	page
F1008 Series	1.00mm Pitch FPC/FFC Connectors	335-336
F1009 Series	1.00mm Pitch FPC/FFC Connectors	337-338
F1010 Series	1.00mm Pitch FPC/FFC Connectors	339-340
F1011 Series	1.00mm Pitch FPC/FFC Connectors	341-342
F1251 Series	1.25mm Pitch FPC/FFC Connectors	343-346
PH1007 Series	1.00mm Pitch Pin Header Connectors	347-348
FH1007 Series	1.00mm Pitch Female Header Connectors	349-350
PH1276 Series	1.27mm Pitch Pin Header Connectors	351-353
FH1276 Series	1.27mm Pitch Female Header Connectors	354-358
PH2005Series	2.00mm Pitch Pin Header Connectors	359-367
FH2005Series	2.00mm Pitch Female Header Connectors	368-372
PH2541 Series	2.54mm Pitch Pin Header Connectors	373-380
FH2541 Series	2.54mm Pitch Female Header Connectors	381-384
PH3961 Series	3.96mm Pitch Pin Header Connectors	385-386
PH4201 Series	4.20mm Pitch Pin Header Connectors	387-387
PH5081 Series	5.08mm Pitch Pin Header Connectors	388-388
FH5081 Serie	5.08mm Pitch Female Header Connectors	389-389
BH2075 Series	2.00mm Pitch Box Header Connectors	390-391
EJ2075 Series	2.00mm Pitch Ejector Header Connectors	392-393
D2075 Series	2.00mm Pitch IDC Connectors	394-394
BH2553 Series	2.50mm Pitch Box Header Connectors	395-396
EJ2553 Series	2.50mm Pitch Ejector Header Connectors	397-398
D2553 Series	2.50mm Pitch IDC Connectors	399-399

产品系列 >>
PRODUCT LINE

A1002 Series001-005	A1006 Series006-008	A1009 Series009-013
A1010 Series014-016	A1201 Series017-019	A1251 Series020-026
A1254 Series027-029	A1255 Series030-032	A1257 Series033-035
A1259 Series036-038	A1501 Series039-046	A1502 Series047-051
A1504 Series052-054	A1505 Series055-057	A1515 Series058-061
A1521 Series062-064	A2001 Series065-071	A2002 Series072-076

产品系列 >>
PRODUCT LINE

A2006 Series077-083	A2008 Series084-090	A2009 Series091-098
A2010 Series099-101	A2019 Series102-104	A2020 Series105-108
A2023 Series109-111	A2036 Series112-115	A2039 Series116-119
A2040 Series120-122	A2501 Series123-128	A2502 Series129-131
A2504 Series132-134	A2508 Series135-139	A2509 Series140-144
A2514 Series145-149	A2547 Series150-156	A2548 Series157-160

产品系列 >>

PRODUCT LINE

A2549 Series161-166	A3503 Series167-171	A3962 Series172-177
A3963 Series178-181	A5704 Series182-187	A7925 Series188-190
B0501 Series191-192	B0501AV&B0501WV Series193-195	B0502 Series196-197
B0801 Series198-199	B0802 Series200-201	B0802FV&B0802AV Series202-203
B0804 Series204-205	B0805 Series206-207	B0806 Series208-209
B1001 Series210-212	B1501 Series213-215	B2001 Series216-218

产品系列 >>

PRODUCT LINE

B2512&B2513 Series219-221	C2003 Series222-224	C2004 Series225-228
C2521 Series229-231	C3030 Series232-252	C4140 Series253-261
C4201 Series262-278	C6351 Series279-283	D0801 Series284-288
F0301Series289-290	F0303 Series291-292	F0501 Series293-300
F0502 Series301-302	F0503 Series303-304	F0505 Series305-308
F0506 Series309-310	F0507 Series311-312	F0801 Series313-314

产品系列 >>

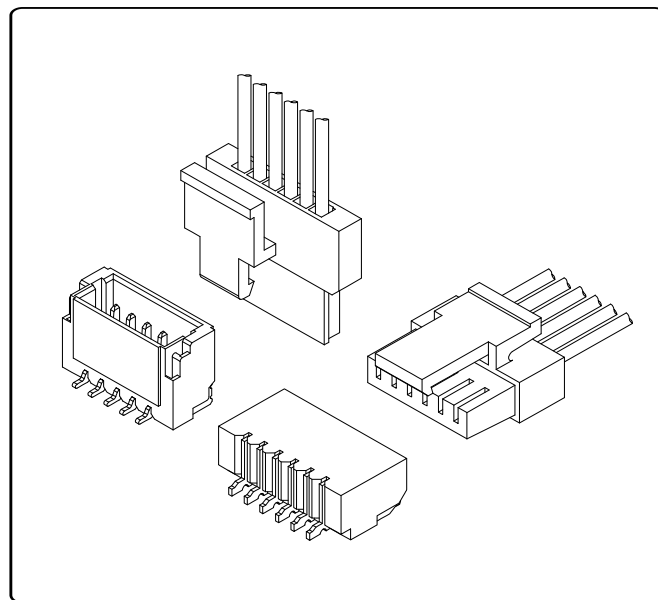
PRODUCT LINE

F1001 Series315-316	F1003 Series317-320	F1004 Series321-322
F1005 Series323-330	F1006 Series331-332	F1007 Series333-334
F1008 Series335-336	F1009 Series337-338	F1010 Series339-340
F1011 Series341-342	F1251 Series343-346	PH1007 Series347-348
FH1007 Series349-350	PH1276 Series351-353	FH1276 Series354-358
PH2005 Series359-367	FH2005 Series368-372	PH2541 Series373-380

产品系列 >>

PRODUCT LINE

FH2541 Series381-384	PH3961 Series385-386	PH4201 Series387-387
PH5081 Series388-388	FH5081 Series389-389	BH2075 Series390-391
EJ2075 Series392-393	D2075 Series394-394	BH2553Series395-396
EJ2553 Series397-398	D2553 Series399-399	

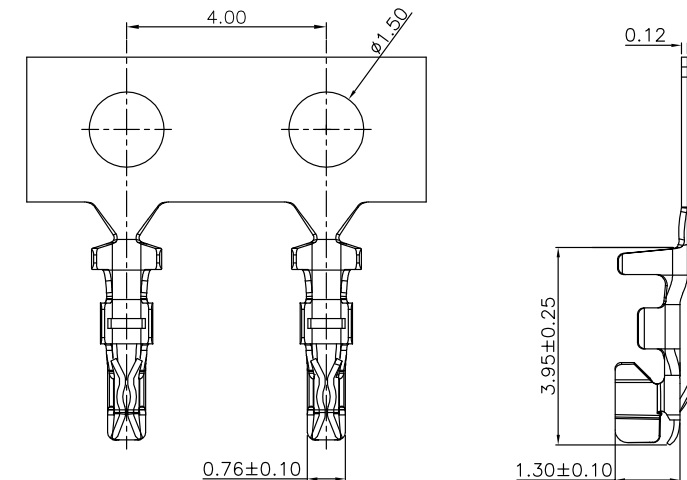


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1A
 Contact resistance: $20\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 500V AC

A1002TFX-X

Pitch 1.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES: AWG #28 - #32
 SUITABLE A1002 series housing

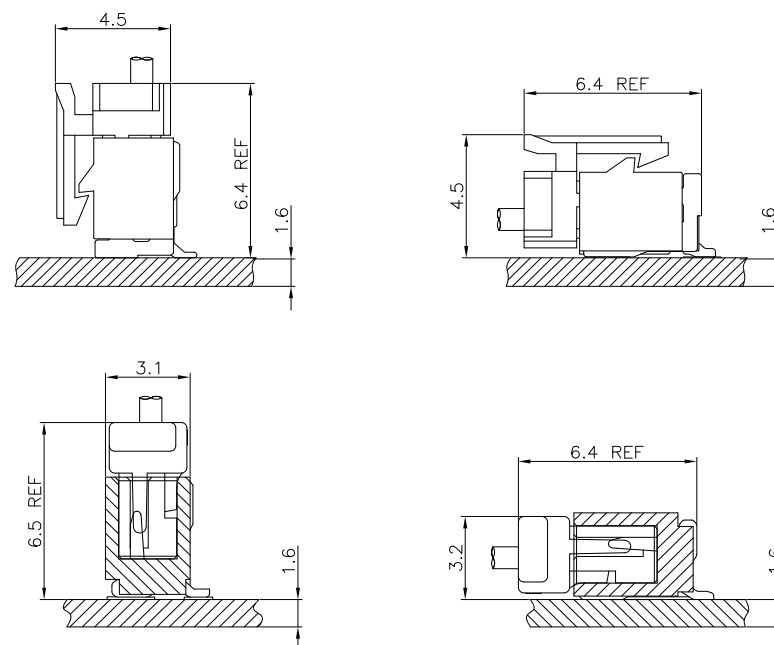
SERIES NO: A1002 T F X-X
 CONNECTOR: 1-G/F
 T-TERMINAL
 MALE FEMALE: A-ALL AU G/F
 F-FEMALE C-BRIGHT TIN
 M-MALE H-ALL-AU 15U"

PLATING:
 1-G/F
 A-ALL AU G/F
 C-BRIGHT TIN
 H-ALL-AU 15U"

METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

Assembly layout

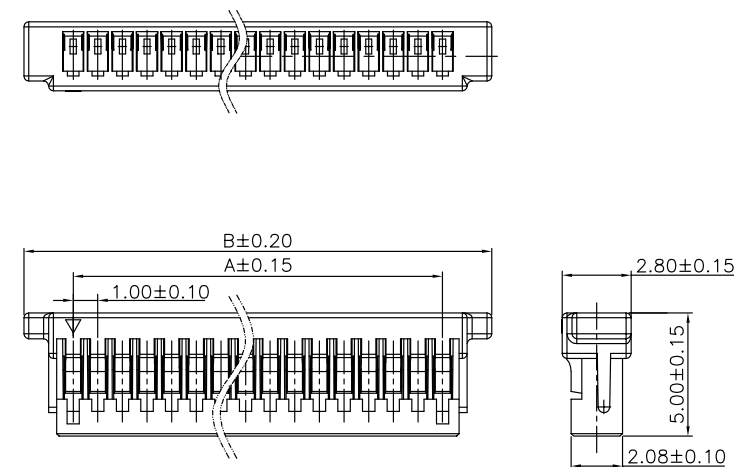
wire to board



SMT Type

A1002HM-1XXX0

Pitch 1.00mm Single row Housing



Specifications

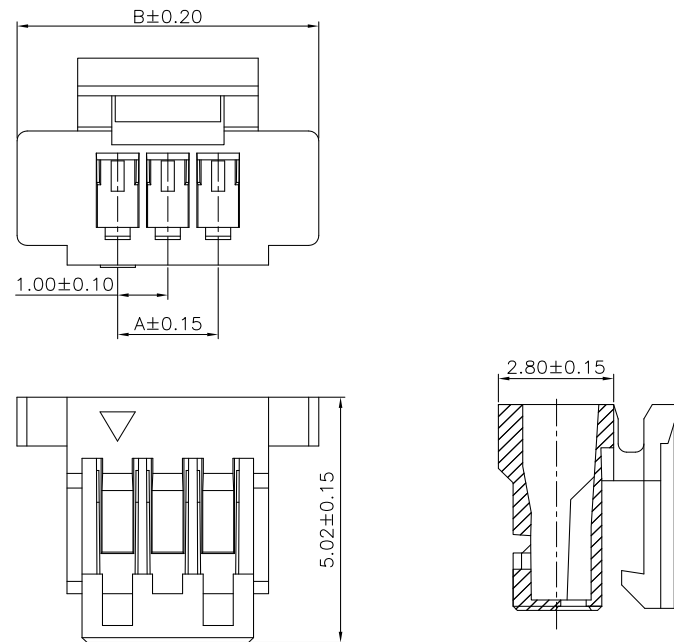
MATERIAL SPECIFICATION:
 Housing: PA66,94V-0
 Suitable A1002 series Terminal
 Mates With A1002 series Wafer

SERIES NO: A1002 H M-1 XX X 0
 CONNECTOR: H-HOUSING
 MALE FEMALE: A-BLACK
 M-MALE K-WHITE
 COLOR:
 A-BLACK
 K-WHITE
 PIN Q' PY:
 02~20
 ROW NO:
 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.00	12	11.00	15.00
03	2.00	6.00	13	12.00	16.00
04	3.00	7.00	14	13.00	17.00
05	4.00	8.00	15	14.00	18.00
06	5.00	9.00	16	15.00	19.00
07	6.00	10.00	17	16.00	20.00
08	7.00	11.00	18	17.00	21.00
09	8.00	12.00	19	18.00	22.00
10	9.00	13.00	20	19.00	23.00
11	10.00	14.00			

A1002H1M-1XXX0

Pitch 1.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

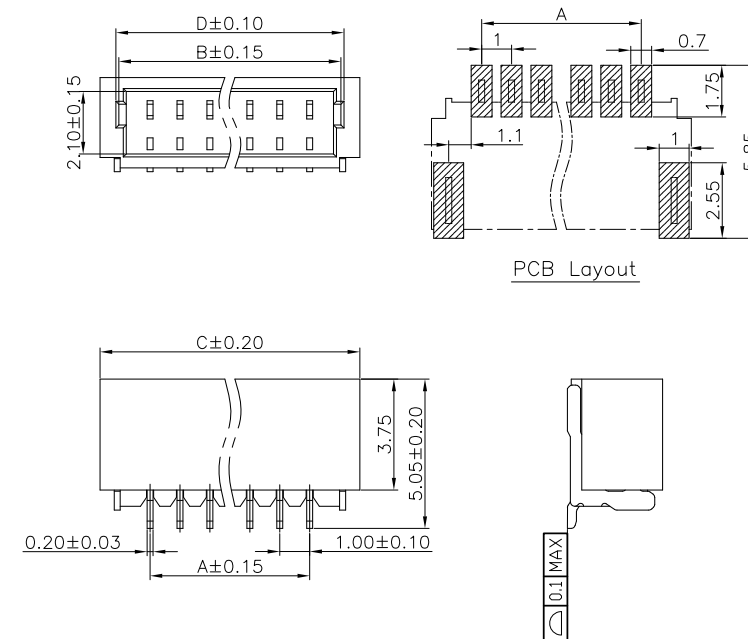
Suitable A1002 series Terminal
Mates With A1002 series Wafer

SERIES NO: A1002 H 1 M-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: A1002 H 1 M-1 XX X 0
COLOR: A-BLACK K-WHITE
PIN Q'PY: 02~12
ROW NO: 1-SINGLE ROW
MALE FEMALE: M-MALE F-FEMALE

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.00	08	7.00	11.00
03	2.00	6.00	09	8.00	12.00
04	3.00	7.00	10	9.00	13.00
05	4.00	8.00	11	10.00	14.00
06	5.00	9.00	12	11.00	15.00
07	6.00	10.00			

A1002W9-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

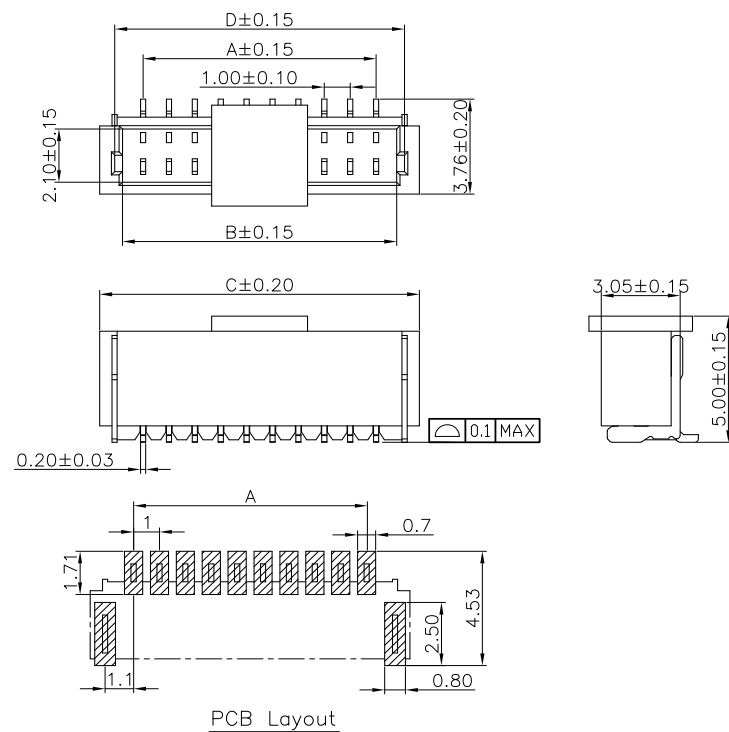
Mates with A1002 series housing

SERIES NO: A1002 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	2.5	4.3	3.2	12	11.0	12.6	14.3	13.2
03	2.0	3.6	5.3	4.2	13	12.0	13.6	15.3	14.2
04	3.0	4.5	6.3	5.2	14	13.0	14.6	16.3	15.2
05	4.0	5.5	7.3	6.2	15	14.0	15.6	17.3	16.2
06	5.0	6.5	8.3	7.2	16	15.0	16.6	18.3	17.2
07	6.0	7.6	9.3	8.2	17	16.0	17.6	19.3	18.2
08	7.0	8.5	10.3	9.2	18	17.0	18.6	20.3	19.2
09	8.0	9.6	11.3	10.2	19	18.0	19.6	21.3	20.2
10	9.0	10.6	12.3	11.2	20	19.0	20.6	22.3	21.2
11	10.0	11.6	13.3	12.2					

A1002W0-1XX2XX0

Pitch 1.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

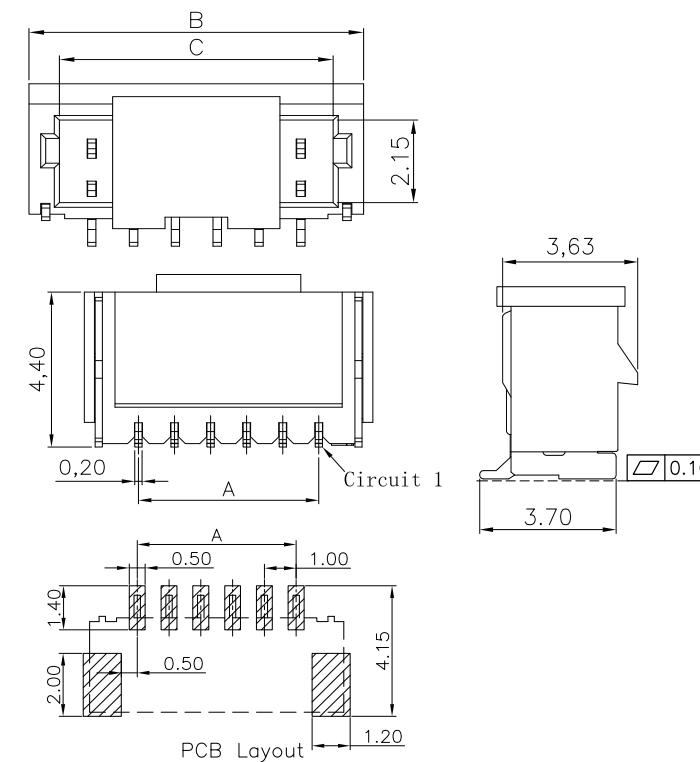
Mates with A1002 series housing

SERIES NO: A1002 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	2.5	4.3	3.2	12	11.0	12.6	14.3	13.2
03	2.0	3.6	5.3	4.2	13	12.0	13.6	15.3	14.2
04	3.0	4.5	6.3	5.2	14	13.0	14.6	16.3	15.2
05	4.0	5.5	7.3	6.2	15	14.0	15.6	17.3	16.2
06	5.0	6.5	8.3	7.2	16	15.0	16.6	18.3	17.2
07	6.0	7.6	9.3	8.2	17	16.0	17.6	19.3	18.2
08	7.0	8.5	10.3	9.2	18	17.0	18.6	20.3	19.2
09	8.0	9.6	11.3	10.2	19	18.0	19.6	21.3	20.2
10	9.0	10.6	12.3	11.2	20	19.0	20.6	22.3	21.2
11	10.0	11.6	13.3	12.2					

A1002W01-1XX2XX0

Pitch 1.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte Tin

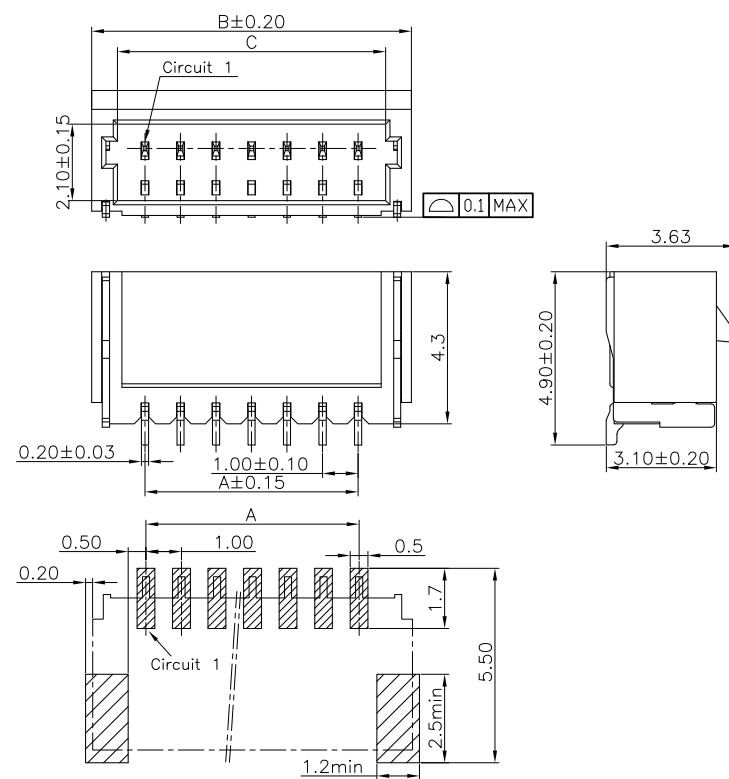
Mates with A1002 series housing

SERIES NO: A1002 W 0 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 02~20

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	---	4.00	2.45	12	11.00	14.00	12.45
03	2.00	5.00	3.45	13	12.00	15.00	13.45
04	3.00	6.00	4.45	14	13.00	16.00	14.45
05	4.00	7.00	5.45	15	14.00	17.00	15.45
06	5.00	8.00	6.45	16	15.00	18.00	16.45
07	6.00	9.00	7.45	17	16.00	19.00	17.45
08	7.00	10.00	8.45	18	17.00	20.00	18.45
09	8.00	11.00	9.45	19	18.00	21.00	19.45
10	9.00	12.00	10.45	20	19.00	22.00	20.45
11	10.00	13.00	11.45				

A1002W91-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

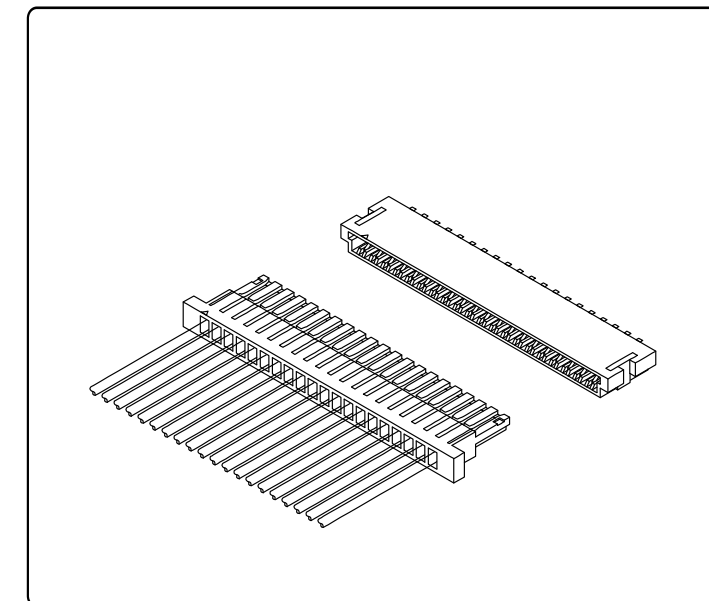
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Matte Tin

Mates with A1002 series housing

SERIES NO: A1002 W 9 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 02~20

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	---	4.00	2.45	12	11.00	14.00	12.45
03	2.00	5.00	3.45	13	12.00	15.00	13.45
04	3.00	6.00	4.45	14	13.00	16.00	14.45
05	4.00	7.00	5.45	15	14.00	17.00	15.45
06	5.00	8.00	6.45	16	15.00	18.00	16.45
07	6.00	9.00	7.45	17	16.00	19.00	17.45
08	7.00	10.00	8.45	18	17.00	20.00	18.45
09	8.00	11.00	9.45	19	18.00	21.00	19.45
10	9.00	12.00	10.45	20	19.00	22.00	20.45
11	10.00	13.00	11.45				

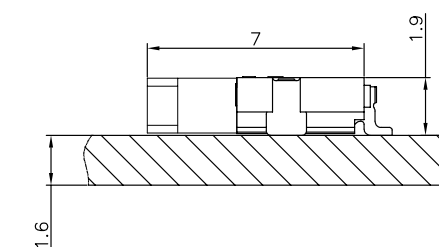


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 1A
Contact resistance: 30mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

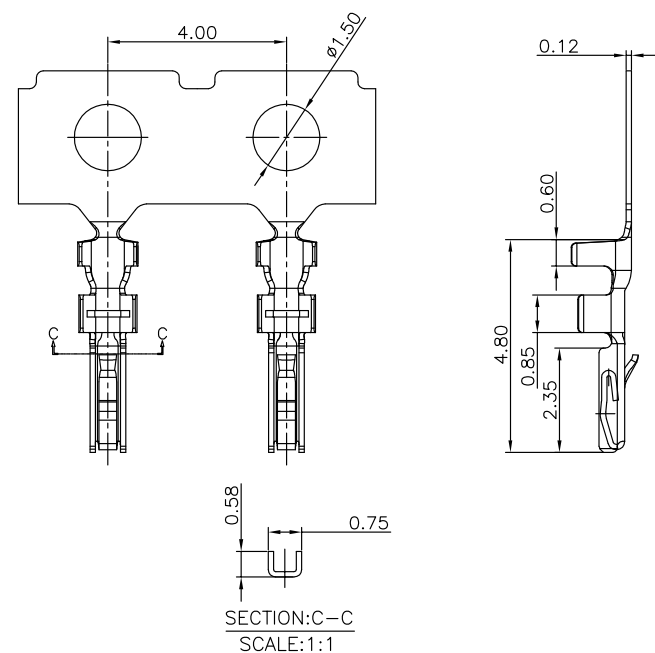
Assembly layout

wire to board



A1006TFX-X

Pitch 1.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

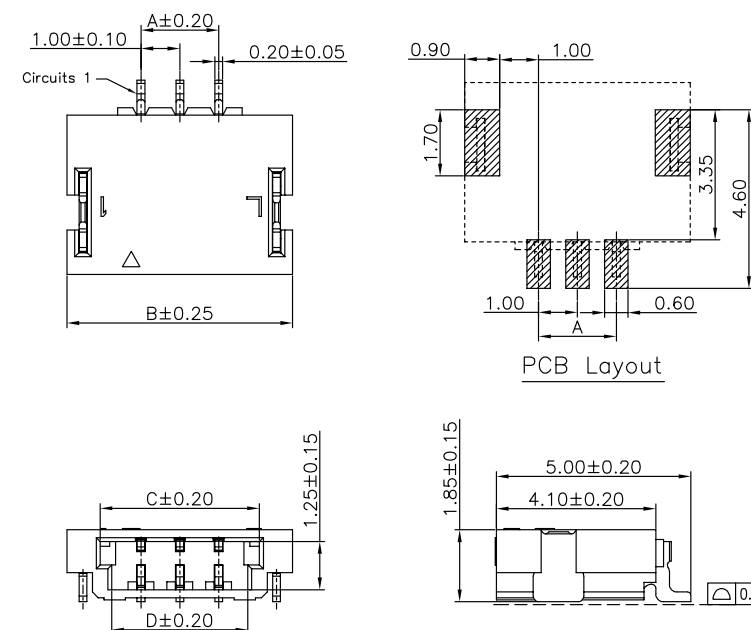
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #28-#32
SUITABLE A1006 series housing

SERIES NO: A1006 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1006W9-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

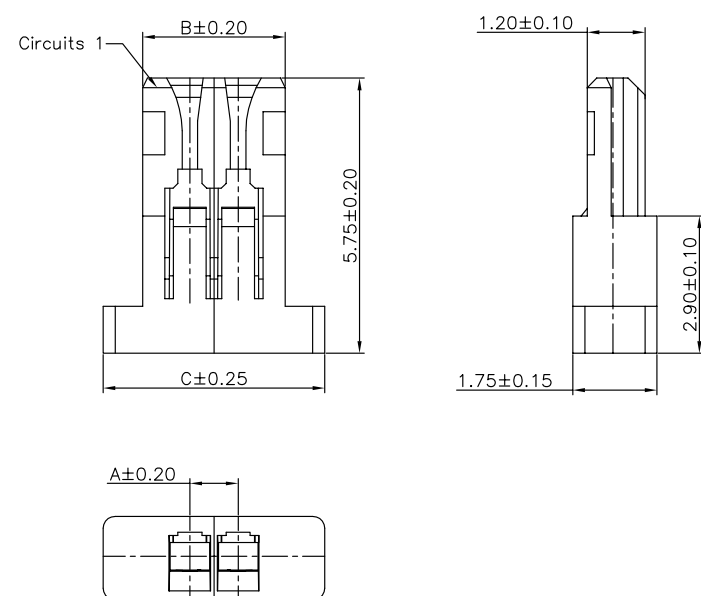
Mates with A1006 series housing

SERIES NO: A1006 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~30
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMPPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	4.80	3.10	2.50	17	16.00	19.80	18.10	17.50
03	2.00	5.80	4.10	3.50	18	17.00	20.80	19.10	18.50
04	3.00	6.80	5.10	4.50	19	18.00	21.80	20.10	19.50
05	4.00	7.80	6.10	5.50	20	19.00	22.80	21.10	20.50
06	5.00	8.80	7.10	6.50	21	20.00	23.80	22.10	21.50
07	6.00	9.80	8.10	7.50	22	21.00	24.80	23.10	22.50
08	7.00	10.80	9.10	8.50	23	22.00	25.80	24.10	23.50
09	8.00	11.80	10.10	9.50	24	23.00	26.80	25.10	24.50
10	9.00	12.80	11.10	10.50	25	24.00	27.80	26.10	25.50
11	10.00	13.80	12.10	11.50	26	25.00	28.80	27.10	26.50
12	11.00	14.80	13.10	12.50	27	26.00	29.80	28.10	27.50
13	12.00	15.80	14.10	13.50	28	27.00	30.80	29.10	28.50
14	13.00	16.80	15.10	14.50	29	28.00	31.80	30.10	29.50
15	14.00	17.80	16.10	15.50	30	29.00	32.80	31.10	30.50
16	15.00	18.80	17.10	16.50					

A1006HM-1XXX0

Pitch 1.00mm Single row Housing



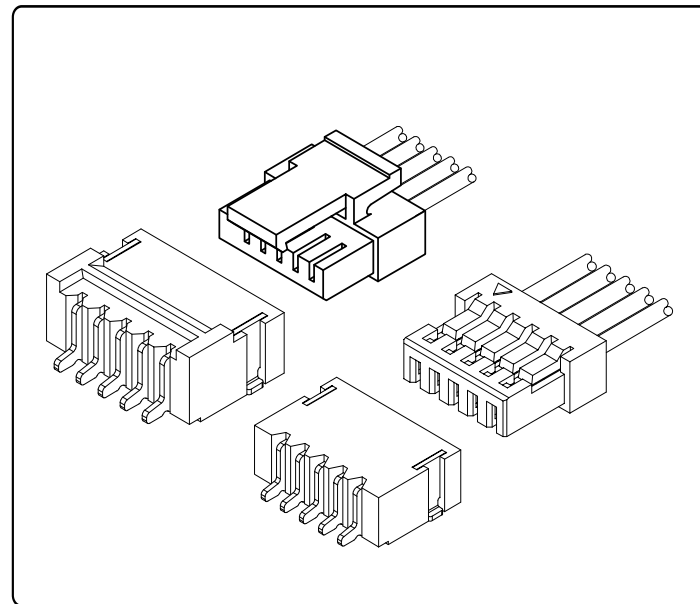
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A1006 series Terminal
Mates With A1006 series Wafer

SERIES NO: A1006 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~30
ROW NO: 1-SINGLE ROW

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
02	---	3.00	4.60	12	11.00	13.00	14.60
03	2.00	4.00	5.60	13	12.00	14.00	15.60
04	3.00	5.00	6.60	14	13.00	15.00	16.60
05	4.00	6.00	7.60	15	14.00	16.00	17.60
06	5.00	7.00	8.60	16	15.00	17.00	18.60
07	6.00	8.00	9.60	20	19.00	21.00	22.60
08	7.00	9.00	10.60	22	21.00	23.00	24.60
09	8.00	10.00	11.60	26	25.00	27.00	28.60
10	9.00	11.00	12.60	30	29.00	31.00	32.60
11	10.00	12.00	13.60				

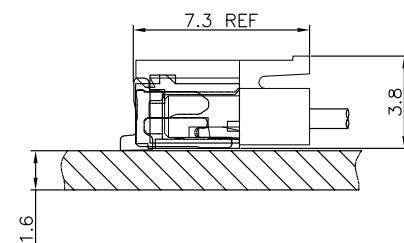
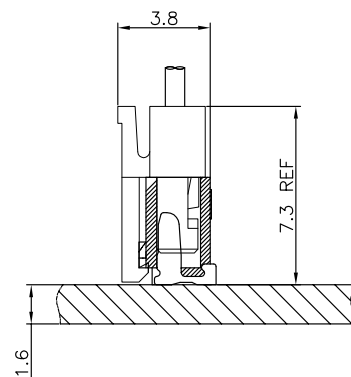


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 125V
Current rating: 1A
Contact resistance: 20mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

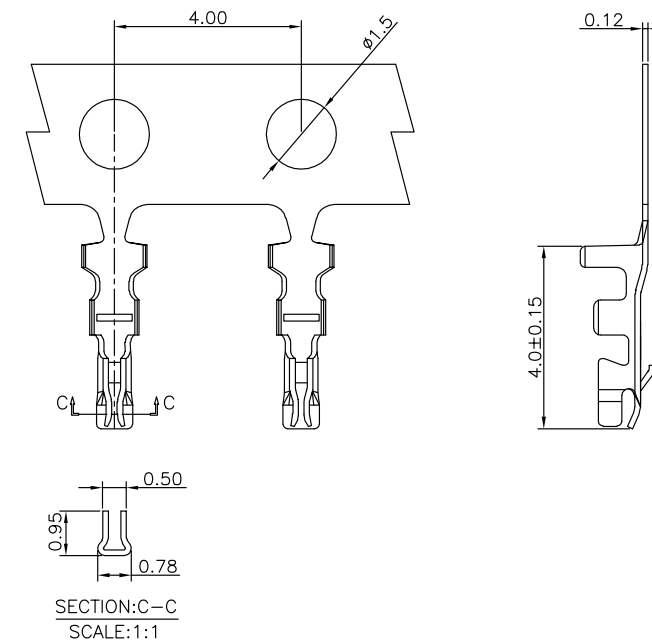
Assembly layout

wire to board



A1009TFX-X

Pitch 1.00mm Terminal

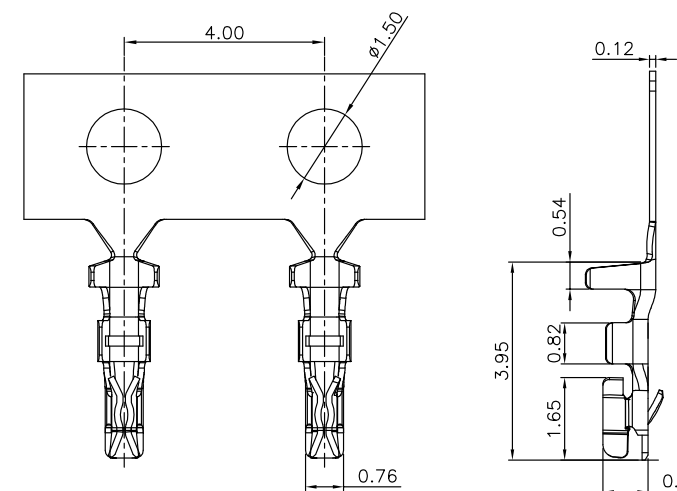


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES:AWG #28-#32
SUITABLE A1009 series housing
SERIES NO: A1009 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A1009T1FX-X

Pitch 1.00mm Terminal

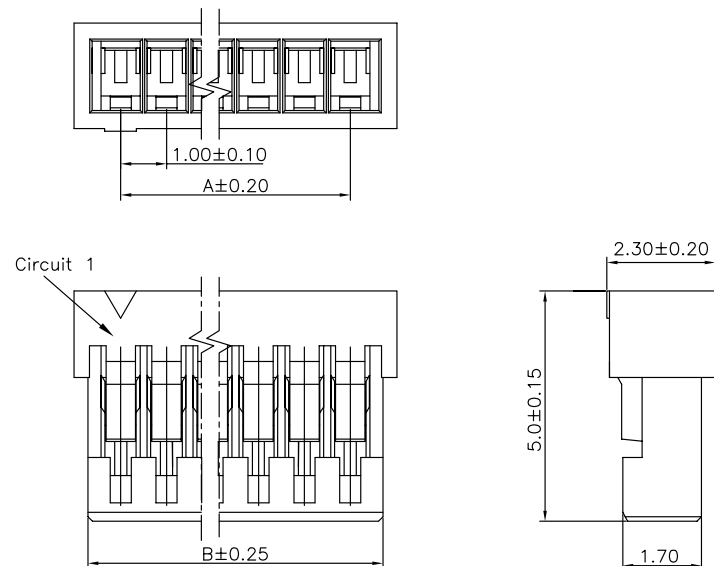


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES:AWG #28-#32
SUITABLE A1009 series housing
SERIES NO: A1009 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE: M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A1009HM-1XXX0

Pitch 1.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

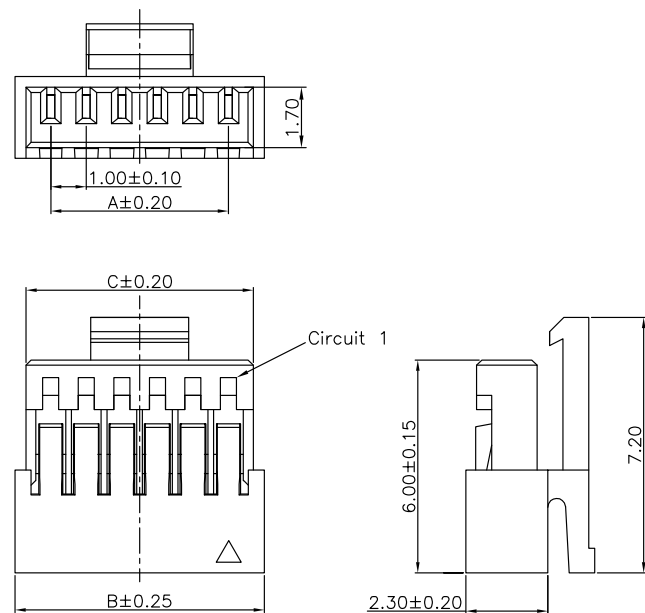
Suitable A1009 series Terminal
Mates With A1009 series Wafer

SERIES NO: A1009 H M-1 XX X 0
COLOR: A-BLACK, K-WHITE
CONNECTOR: H-HOUSING
PIN Q'PY: 02~20
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	2.40	09	8.00	9.40
03	2.00	3.40	10	9.00	10.40
04	3.00	4.40	11	10.00	11.40
05	4.00	5.50	12	11.00	12.40
06	5.00	6.40	13	12.00	13.40
07	6.00	7.40	14	13.00	14.40
08	7.00	8.40	15	14.00	15.40

A1009H1M-1XXX0

Pitch 1.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

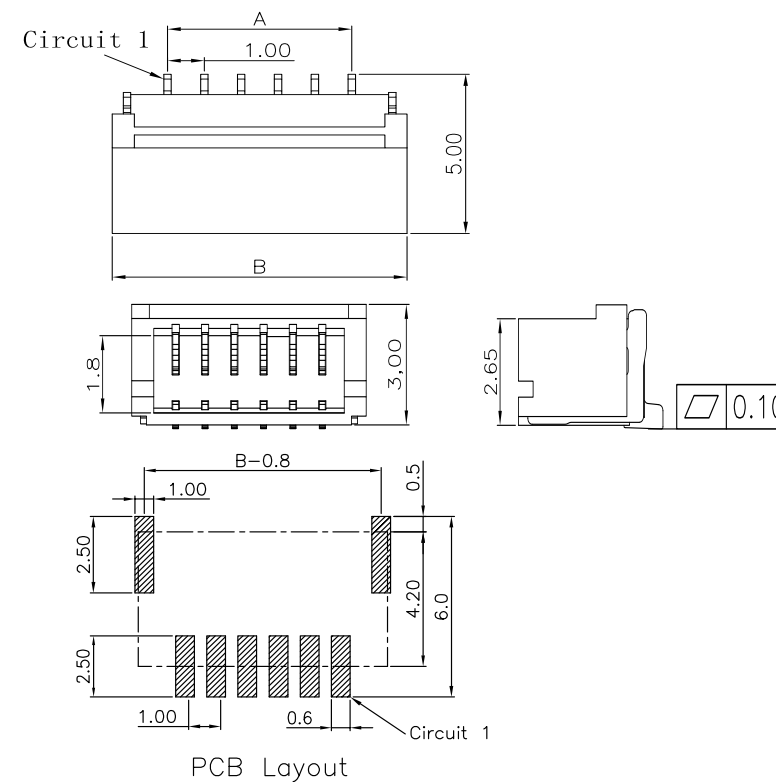
Suitable A1009 series Terminal
Mates With A1009 series Wafer

SERIES NO: A1009 H 1 M-1 XX X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: H-HOUSING
TYPE CODE: W-WAFER
PIN Q'PY: 02~20
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.00	2.40	12	11.00	13.00	12.40
03	2.00	4.00	3.40	13	12.00	14.00	13.40
04	3.00	5.00	4.40	14	13.00	15.00	14.40
05	4.00	6.00	5.40	15	14.00	16.00	15.40
06	5.00	7.00	6.40	16	15.00	17.00	16.40
07	6.00	8.00	7.40	17	16.00	18.00	17.40
08	7.00	9.00	8.40	18	17.00	19.00	18.40
09	8.00	10.00	9.40	19	18.00	20.00	19.40
10	9.00	11.00	10.40	20	19.00	21.00	20.40
11	10.00	12.00	11.40				

A1009W9-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

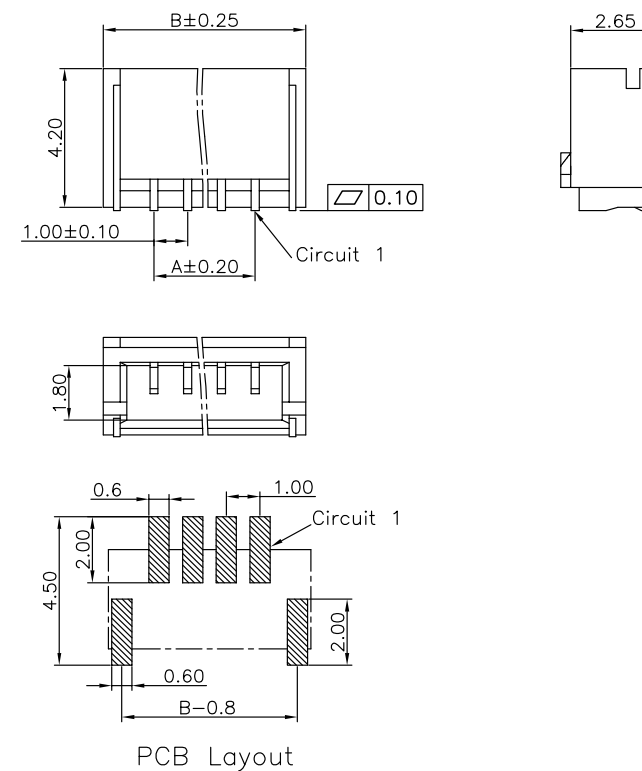
Mates with A1009 series housing

SERIES NO: A1009 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.0	12	11.0	14.0
03	2.0	5.0	13	12.0	15.0
04	3.0	6.0	14	13.0	16.0
05	4.0	7.0	15	14.0	17.0
06	5.0	8.0	16	15.0	18.0
07	6.0	9.0	17	16.0	19.0
08	7.0	10.0	18	17.0	20.0
09	8.0	11.0	19	18.0	21.0
10	9.0	12.0	20	19.0	22.0
11	10.0	13.0			

A1009W0-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

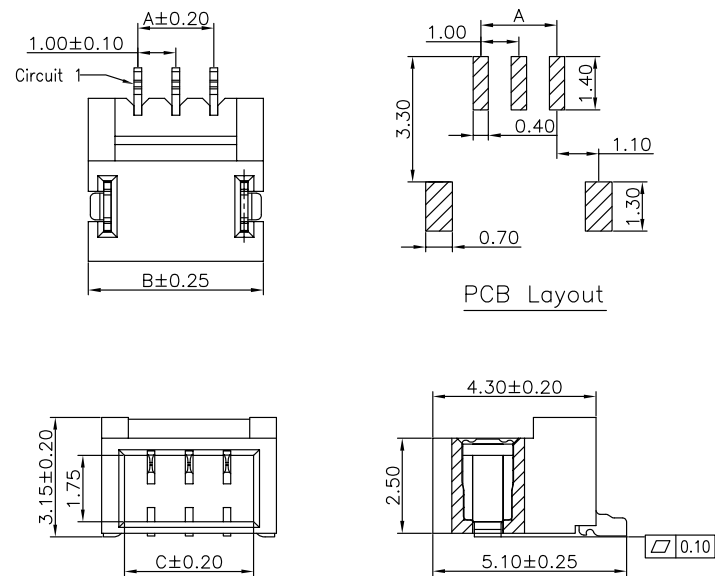
Mates with A1009 series housing

SERIES NO: A1009 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.0	12	11.0	14.0
03	2.0	5.0	13	12.0	15.0
04	3.0	6.0	14	13.0	16.0
05	4.0	7.0	15	14.0	17.0
06	5.0	8.0	16	15.0	18.0
07	6.0	9.0	17	16.0	19.0
08	7.0	10.0	18	17.0	20.0
09	8.0	11.0	19	18.0	21.0
10	9.0	12.0	20	19.0	22.0
11	10.0	13.0			

A1009W91-1XX2XXX

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

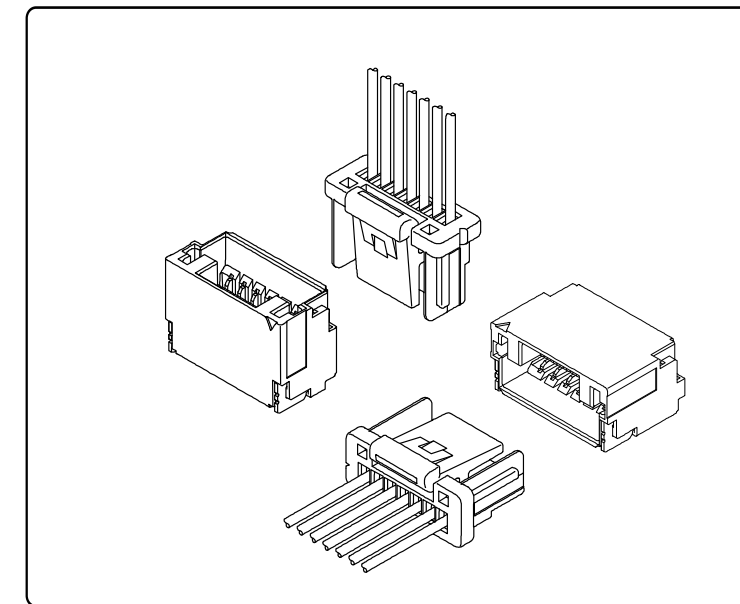
MATERIAL SPECIFICATION:
Housing: HTN/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1009 series housing

SERIES NO: A1009 W 9 1-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
COLOR: 0-HTN ROHS+HF
1-LCP ROHS+HF
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
2	---	3.60	2.40	9	8.00	10.60	9.40
3	2.00	4.60	3.40	10	9.00	11.60	10.40
4	3.00	5.60	4.40	11	10.00	12.60	11.40
5	4.00	6.60	5.40	12	11.00	13.60	12.40
6	5.00	7.60	6.40	13	12.00	14.60	13.40
7	6.00	8.60	7.40	14	13.00	15.60	14.40
8	7.00	9.60	8.40	15	14.00	16.60	15.40

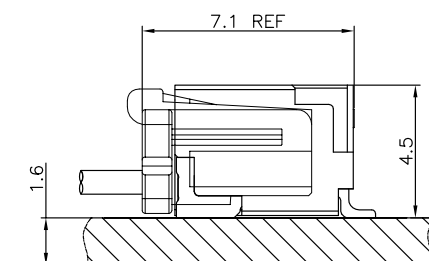
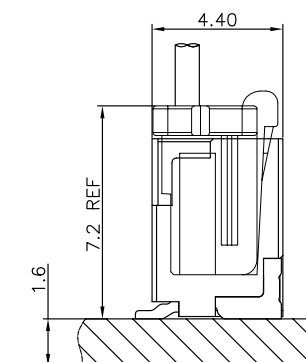


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 1A
Contact resistance: 30mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

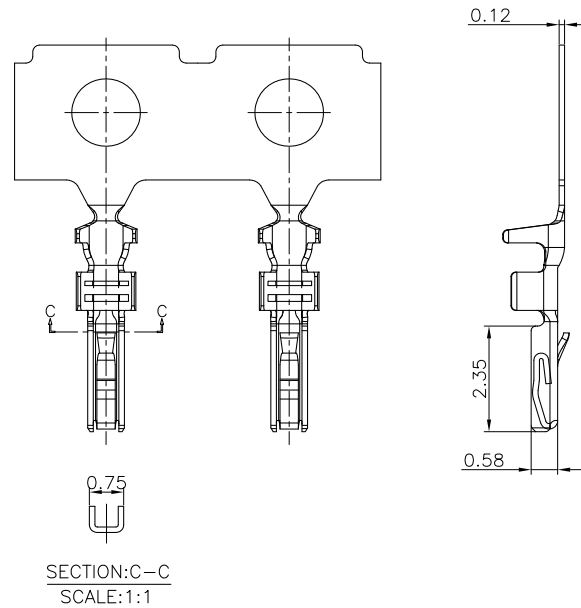
Assembly layout

wire to board



A1010TFX-X

Pitch 1.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28-#32
SUITABLE A1010 series housing

SERIES NO: A1010 T F X-X

CONNECTOR: T-TERMINAL

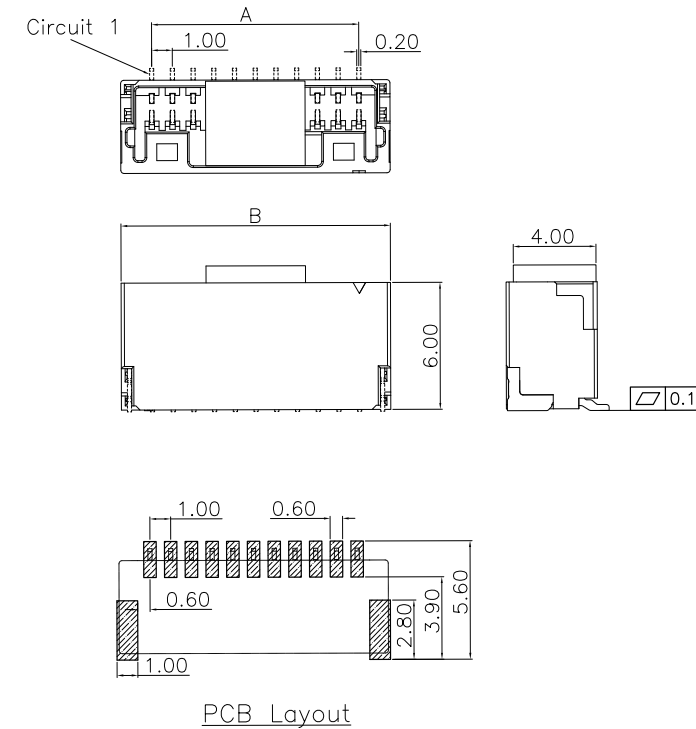
MALE FEMALE:
F-FEMALE
M-MALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

A1010W0-1XX2XX0

Pitch 1.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A1010 series housing

SERIES NO: A1010 W 0-1 XX 2 X X 0

CONNECTOR: W-WAFER

ANGLE: 0-180°

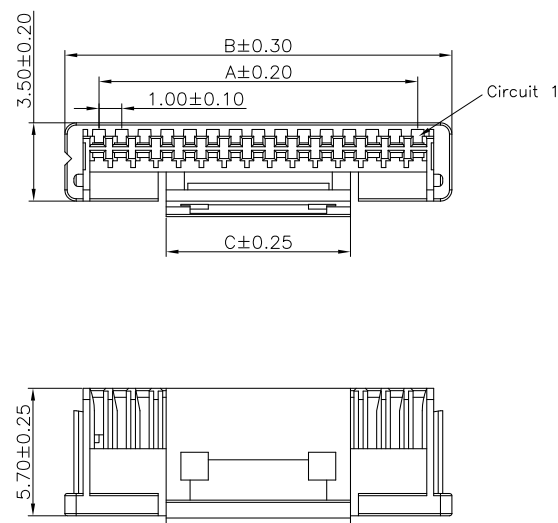
ROW NO: 1-SINGLE ROW

COLOR: S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 2-SMT
PIN Q PY: 02~15

Circuit	Dimension(mm)	Circuit	Dimension(mm)
A	B	A	B
02	---	09	8.00 11.00
03	2.00 5.00	10	9.00 12.00
04	3.00 6.00	11	10.00 13.00
05	4.00 7.00	12	11.00 14.00
06	5.00 8.00	13	12.00 15.00
07	6.00 9.00	14	13.00 16.00
08	7.00 10.00	15	14.00 17.00

A1010HM-1XXX0

Pitch 1.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A1010 series Terminal
Mates With A1010 series Wafer

SERIES NO: A1010 H M-1 XX X 0

CONNECTOR: H-HOUSING

MALE FEMALE:
M-MALE

COLOR: A-BLACK
K-WHITE

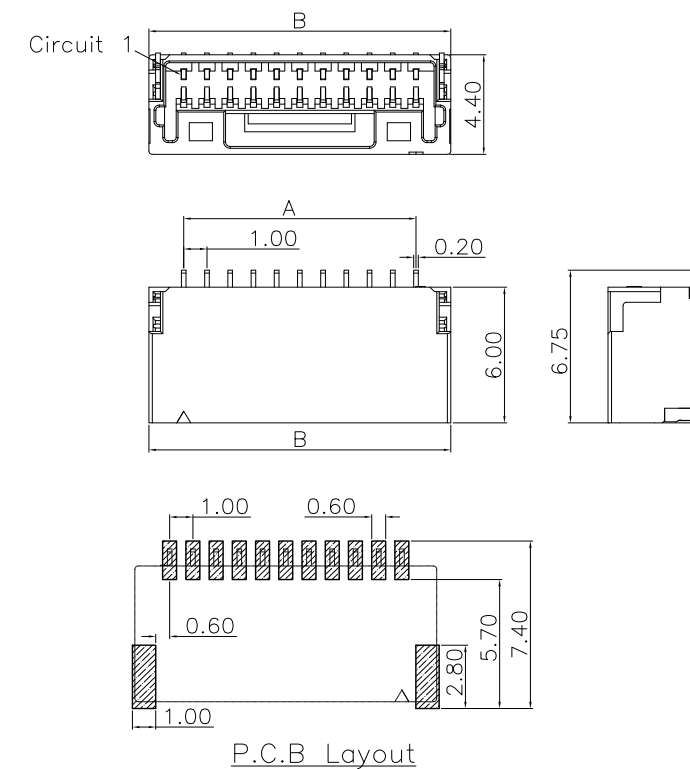
PIN Q' PY: 02~15

ROW NO: 1-SINGLE ROW

Circuit	Dimension(mm)	Circuit	Dimension(mm)
A	B	A	B
02	---	09	8.00 11.00 4.30
03	2.00 5.00 2.00	10	9.00 12.00 6.15
04	3.00 6.00 2.00	11	10.00 13.00 6.15
05	4.00 7.00 3.40	12	11.00 14.00 6.15
06	5.00 8.00 4.30	13	12.00 15.00 6.15
07	6.00 9.00 4.30	14	13.00 16.00 8.10
08	7.00 10.00 4.30	15	14.00 17.00 8.10

A1010W9-1XX2XX0

Pitch 1.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A1010 series housing

SERIES NO: A1010 W 9-1 XX 2 X X 0

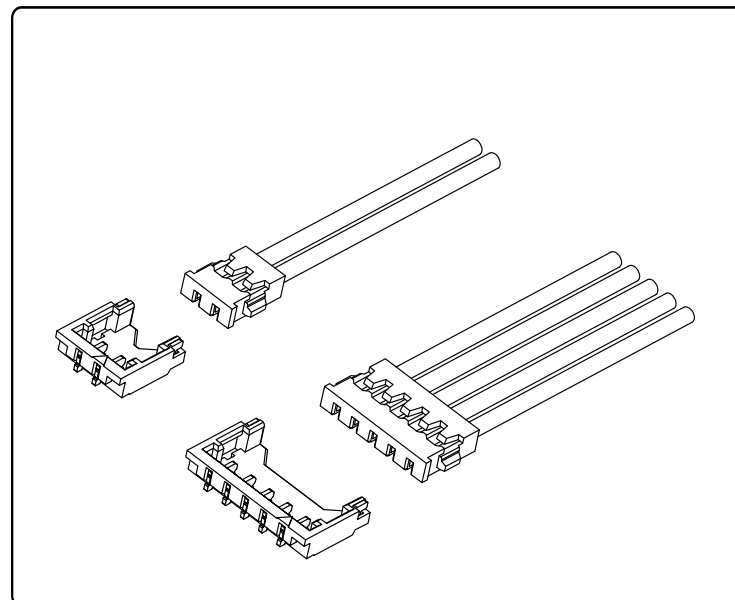
CONNECTOR: W-WAFER

ANGLE: 9-90°

ROW NO: 1-SINGLE ROW

COLOR: S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 2-SMT
PIN Q' PY: 02~15

Circuit	Dimension(mm)	Circuit	Dimension(mm)
A	B	A	B
02	---	09	8.00 11.00
03	2.00 5.00	10	9.00 12.00
04	3.00 6.00	11	10.00 13.00
05	4.00 7.00	12	11.00 14.00
06	5.00 8.00	13	12.00 15.00
07	6.00 9.00	14	13.00 16.00
08	7.00 10.00	15	14.00 17.00

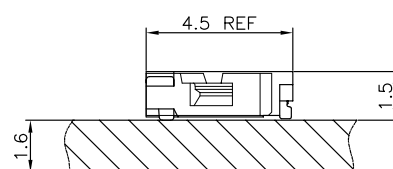


Specifications

Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1.5A
 Contact resistance: $20\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 500V AC

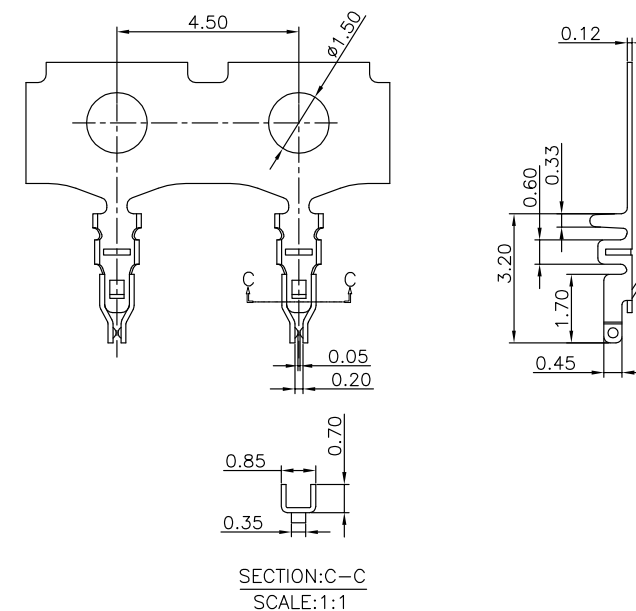
Assembly layout

wire to board



A1201TFX-X

Pitch 1.20mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

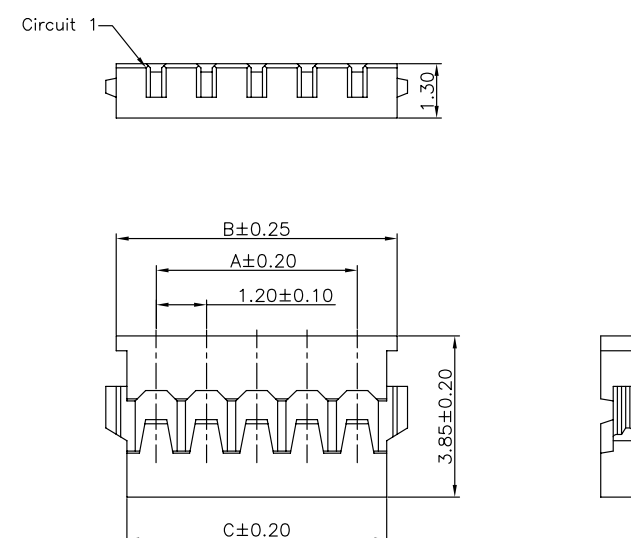
PLATING SPECIFICATION:
All Au G/F

APPLICABLE WIRES: AWG #28-#30
SUITABLE A1201 series housing

SERIES NO: A1201 T F X-X
 CONNECTOR: T-TERMINAL
 MALE FEMALE: F-FEMALE M-MALE
 PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
 METAL: P-PHOSPHOR BRONZE B-BRASS

A1201HM-1XXX0

Pitch 1.20mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: LCP, 94V-0

Suitable A1201 series Terminal

SERIES NO: A1201 H M-1 XX X 0
 CONNECTOR: H-HOUSING
 MALE FEMALE: M-MALE
 COLOR: A-BLACK S-NATURE
 PIN Q'PY: 02~07, 10
 ROW NO: 1-SINGLE ROW

Circuit	Dimensions (mm)		
	A	B	C
02	---	3.10	2.60
03	2.40	4.30	3.80
04	3.60	5.50	5.00
05	4.80	6.70	6.20
06	6.00	7.90	7.40
07	7.20	9.10	8.60
10	10.80	12.70	12.20

A1201W9-1XX2XX0

Pitch 1.20mm 90° Single row SMT Wafer

Specifications

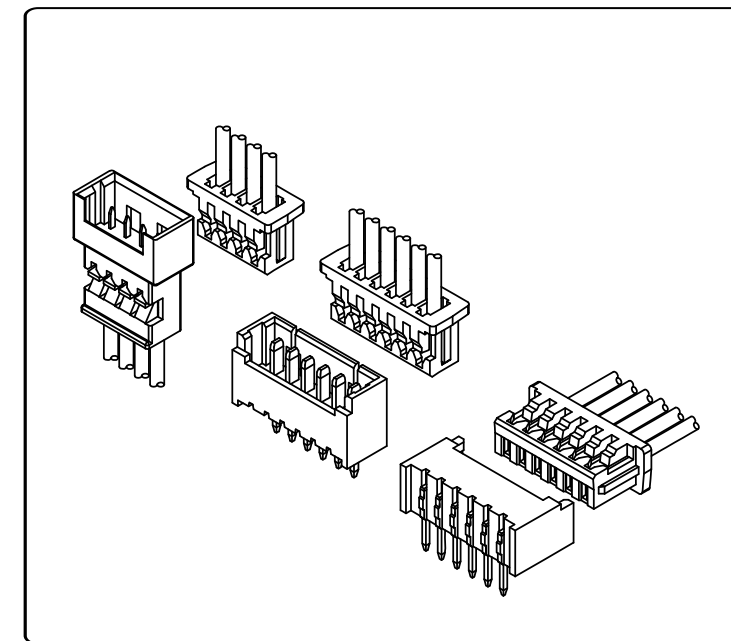
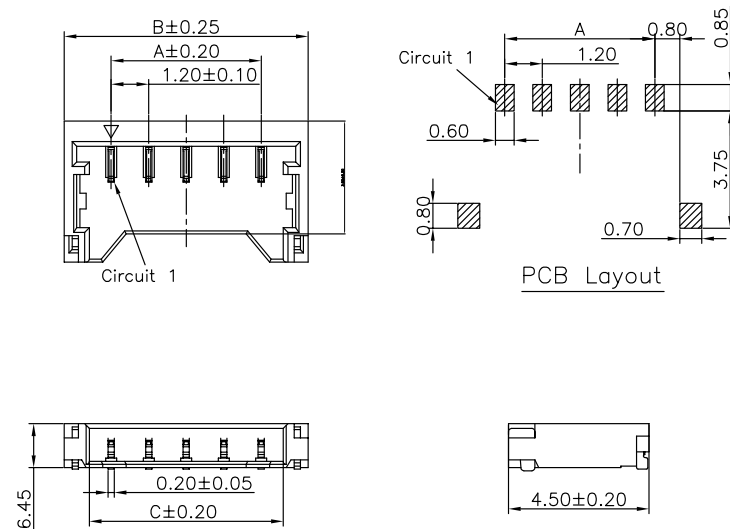
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:All Au G/F

Mates with A1201 series housing

SERIES NO: A1201 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~07, 10PIN
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions (mm)		
	A	B	C
02	---	4.20	2.65
03	2.40	5.40	3.85
04	3.60	6.60	5.05
05	4.80	7.80	6.25
06	6.00	9.00	7.45
07	7.20	10.20	8.65
10	10.80	13.80	12.25

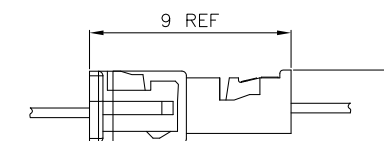


Specifications

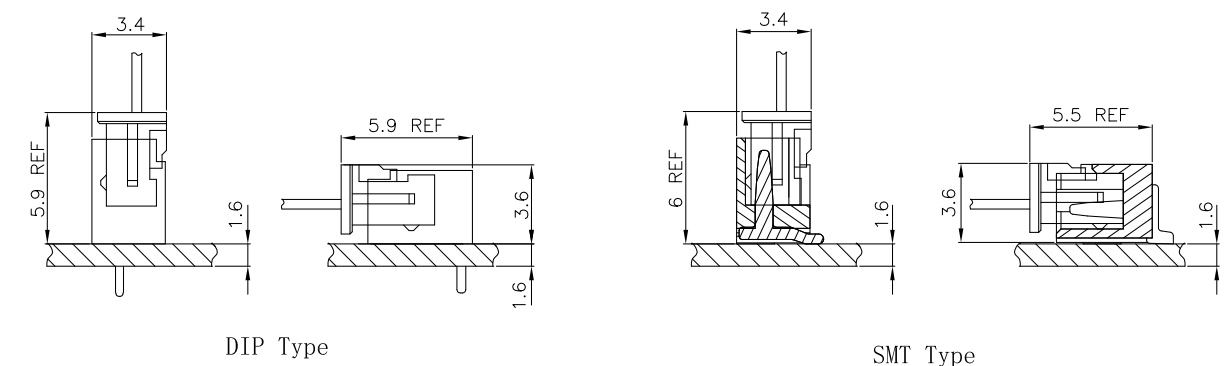
Temperature range: -25°C~+85°C
Voltage rating: 125V
Current rating: 1A
Contact resistance: 20mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

Assembly layout

wire to wire

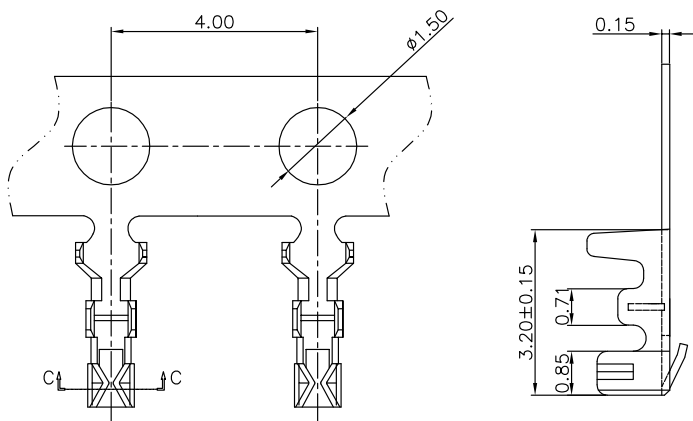


wire to board



A1251TFX-X

Pitch 1.25mm Terminal



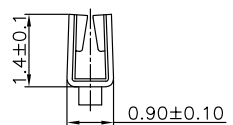
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28 -#32
SUITABLE A1251 series Male housing

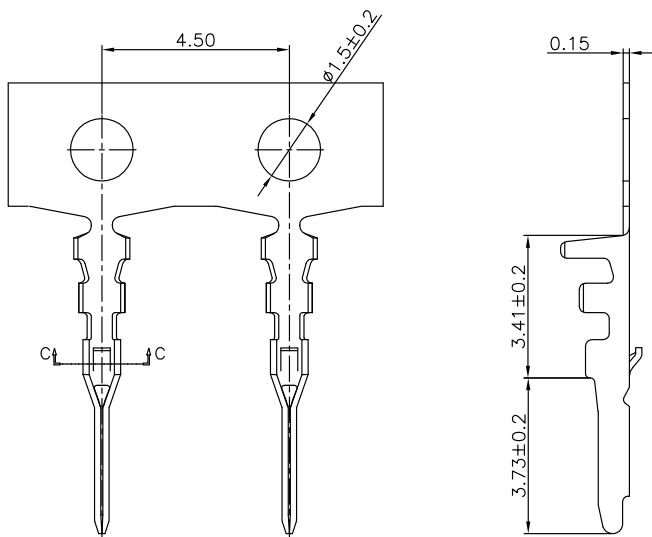
SERIES NO: A1251 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS



SECTION:C-C
SCALE:1:1

A1251TMX-X

Pitch 1.25mm Terminal



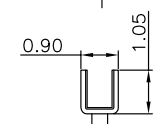
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28 -#32
SUITABLE A1251 series Female housing

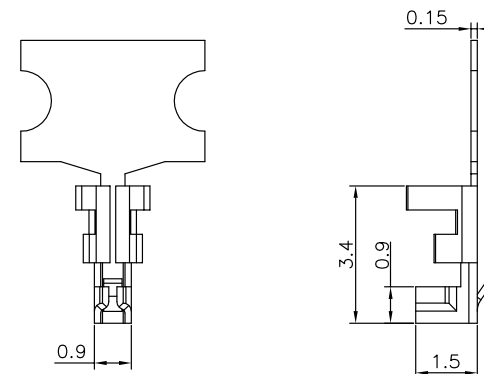
SERIES NO: A1251 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS



SECTION:C-C
SCALE:1:1

A1251T1FX-X

Pitch 1.25mm Terminal



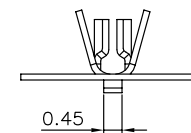
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

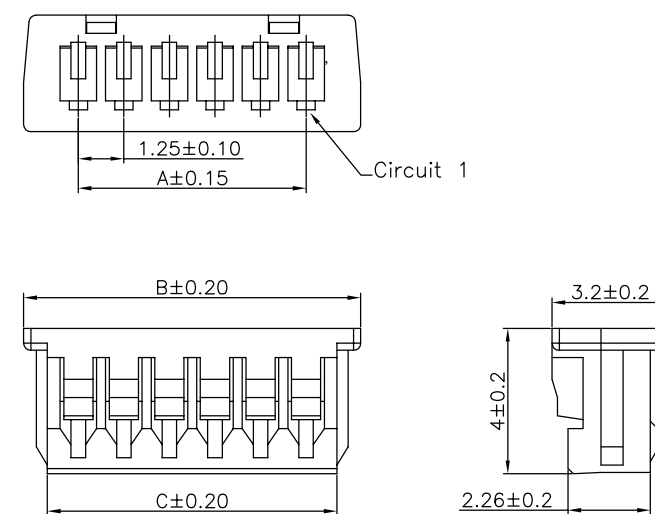
APPLICABLE WIRES:AWG #28 -#32
SUITABLE A1251 series Male housing

SERIES NO: A1251 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS



A1251HM-1XXX0

Pitch 1.25mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

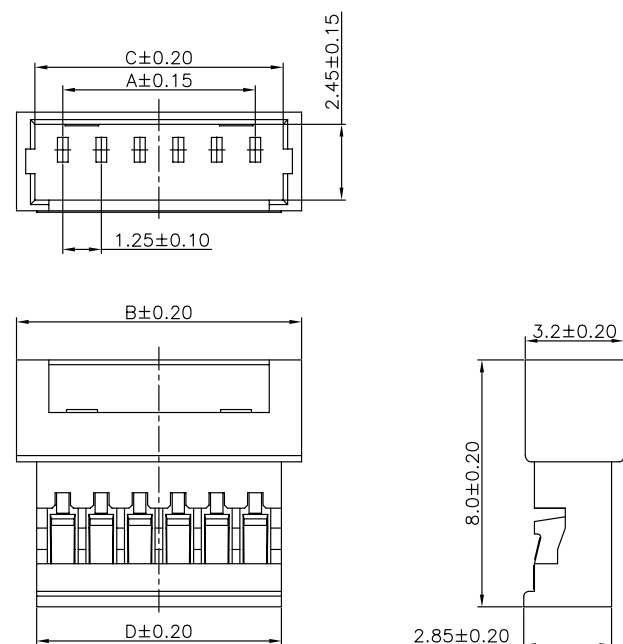
Suitable A1251 series Terminal
Mates With A1251 series Wafer

SERIES NO: A1251 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR:
A-BLACK
S-NATURE
PIN Q PY:
02~18
ROW NO:
1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	1.25	4.25	2.95	11	12.50	15.50	14.20
03	2.50	5.50	4.20	12	13.75	16.75	15.45
04	3.75	6.75	5.45	13	15.00	18.00	16.70
05	5.00	8.00	6.70	14	16.25	19.25	17.95
06	6.25	9.25	7.95	15	17.50	20.50	19.20
07	7.50	10.50	9.20	16	18.75	21.75	20.45
08	8.75	11.75	10.45	17	20.00	23.00	21.70
09	10.00	13.00	11.70	18	21.25	24.25	22.95
10	11.25	14.25	12.95				

A1251HF-1XXX0

Pitch1.25mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

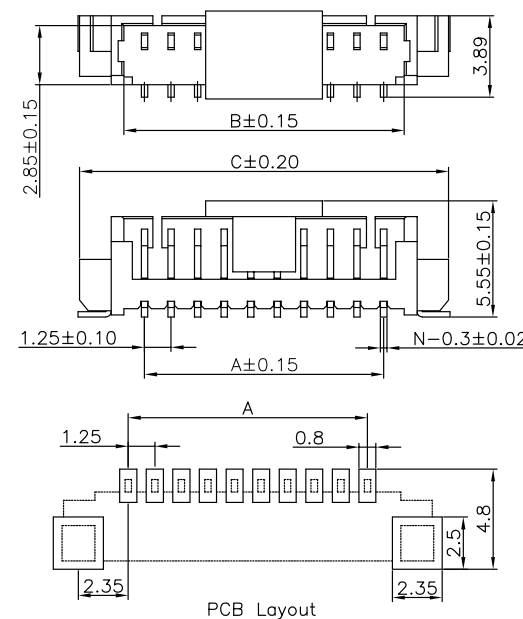
Suitable A1251 series Terminal
Mates With A1251 series Male housing

SERIES NO: A1251 H F-1 XX X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
PIN Q'PY: 02~10
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)				
	A	B	C	D	E
02	---	4.25	3.05	2.95	---
03	2.50	5.50	4.30	4.20	---
04	3.75	6.75	5.55	5.45	2.50
05	5.00	8.00	6.80	6.70	3.75
06	6.25	9.25	8.05	7.95	5.00
07	7.50	10.50	9.30	9.20	6.25
08	8.75	11.75	10.55	10.45	7.50
09	10.00	13.00	11.80	11.70	8.75
10	11.25	14.25	13.05	12.95	10.00

A1251W0-1XX2XX0

Pitch 1.25mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

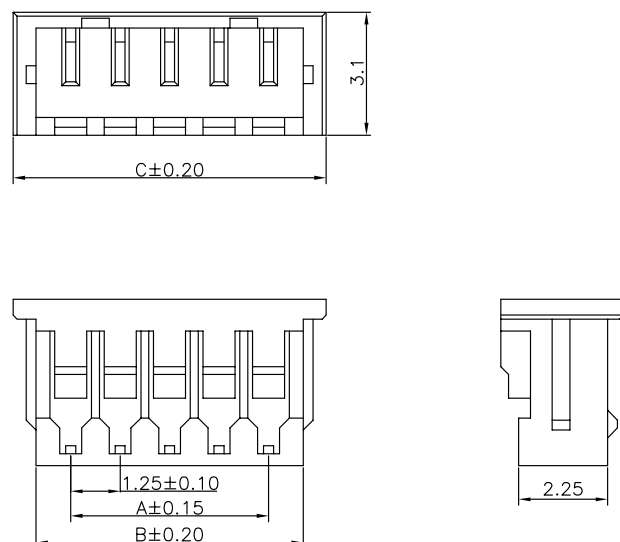
Mates with A1251 series housing

SERIES NO: A1251 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK, M-BEIGE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.10	7.50	10	11.25	13.10	17.60
03	2.50	4.35	8.80	11	12.50	14.35	18.80
04	3.75	5.60	10.00	12	13.75	15.60	20.10
05	5.00	6.85	11.30	13	15.00	16.85	21.30
06	6.25	8.10	12.60	14	16.25	18.10	22.55
07	7.50	9.35	13.80	15	17.50	19.35	23.80
08	8.75	10.60	15.00	16	18.75	20.60	25.05
09	10.00	11.85	16.30				

A1251HM-1XXX1

Pitch1.25mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

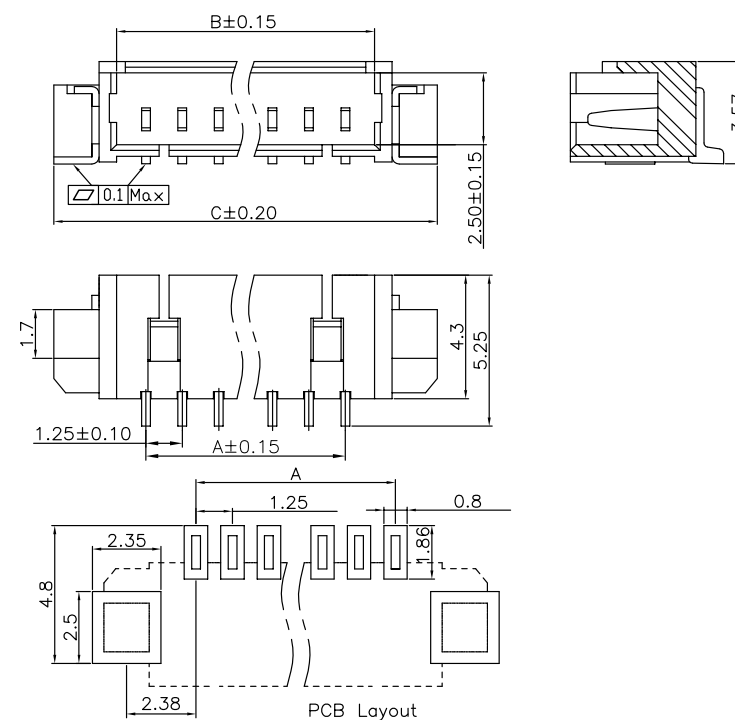
Suitable A1251 series Terminal
Mates With A1251 series Wafer

SERIES NO: A1251 H M-1 XX X 1
COLOR: A-BLACK, S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.00	4.15	10	11.25	13.00	14.15
03	2.50	4.25	5.40	11	12.50	14.25	15.40
04	3.75	5.50	6.65	12	13.75	15.50	16.65
05	5.00	6.75	7.90	13	15.00	16.75	17.90
06	6.25	8.00	9.15	14	16.25	18.00	19.15
07	7.50	9.25	10.40	15	17.50	19.25	20.40
08	8.75	10.50	11.65	16	18.75	20.50	21.65
09	10.00	11.75	12.90				

A1251W9-1XX2XX0

Pitch 1.25mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

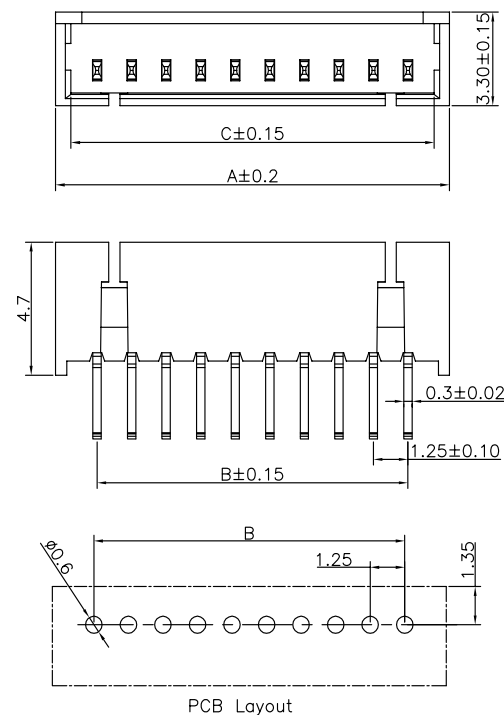
Mates with A1251 series housing

SERIES NO: A1251 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK, M-BEIGE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.10	7.50	10	11.25	13.10	17.60
03	2.50	4.35	8.80	11	12.50	14.35	18.80
04	3.75	5.60	10.00	12	13.75	15.60	20.10
05	5.00	6.85	11.30	13	15.00	16.85	21.30
06	6.25	8.10	12.60	14	16.25	18.10	22.55
07	7.50	9.35	13.80	15	17.50	19.35	23.80
08	8.75	10.60	15.00	16	18.75	20.60	25.05
09	10.00	11.85	16.30				

A1251W0-1XX1XX0

Pitch 1.25mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

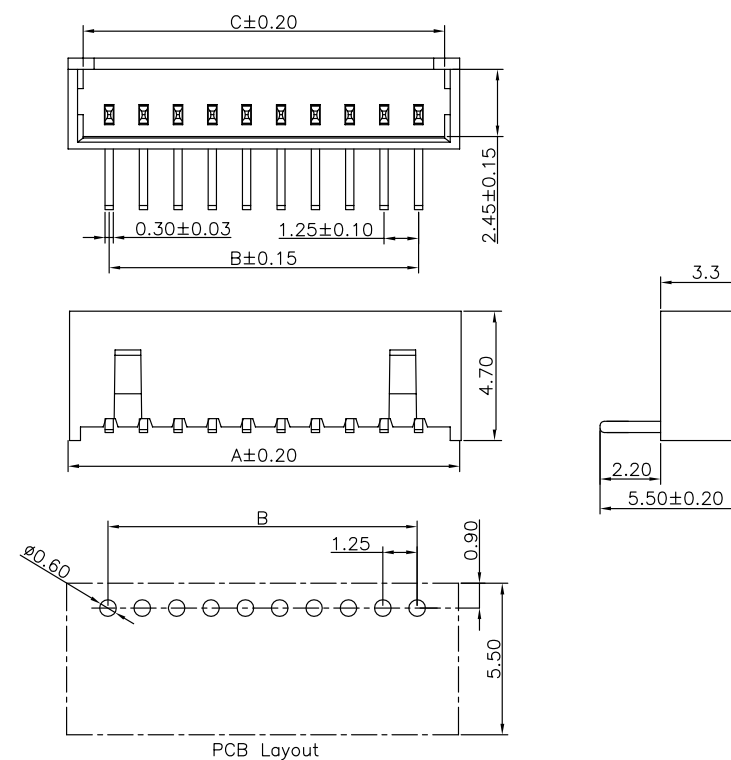
Mates with A1251 series housing

SERIES NO: A1251 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
COLOR: A-BLACK
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	4.20	---	3.10	10	14.20	11.25	13.10
03	5.45	2.50	4.35	11	15.45	12.50	14.35
04	6.70	3.75	5.60	12	16.70	13.75	15.60
05	7.95	5.00	6.85	13	17.95	15.00	16.85
06	9.20	6.25	8.10	14	19.20	16.25	18.10
07	10.45	7.50	9.35	15	20.45	17.50	19.35
08	11.70	8.75	10.60	16	21.70	18.75	20.60
09	12.95	10.00	11.85				

A1251W91-1XX1XXX

Pitch 1.25mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

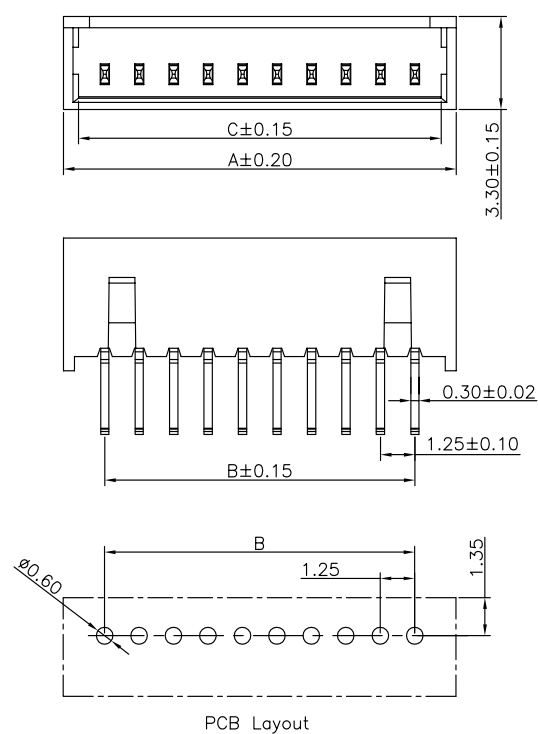
Mates with A1251 series housing

SERIES NO: A1251 W 9 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
Package Spec: 0-Reel
1-PE BAG
COLOR: A-BLACK
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	4.20	---	3.10	10	14.20	11.25	13.10
03	5.45	2.50	4.35	11	15.45	12.50	14.35
04	6.70	3.75	5.60	12	16.70	13.75	15.60
05	7.95	5.00	6.85	13	17.95	15.00	16.85
06	9.20	6.25	8.10	14	19.20	16.25	18.10
07	10.45	7.50	9.35	15	20.45	17.50	19.35
08	11.70	8.75	10.60	16	21.70	18.75	20.60
09	12.95	10.00	11.85				

A1251W01-1XX1XX0

Pitch 1.25mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

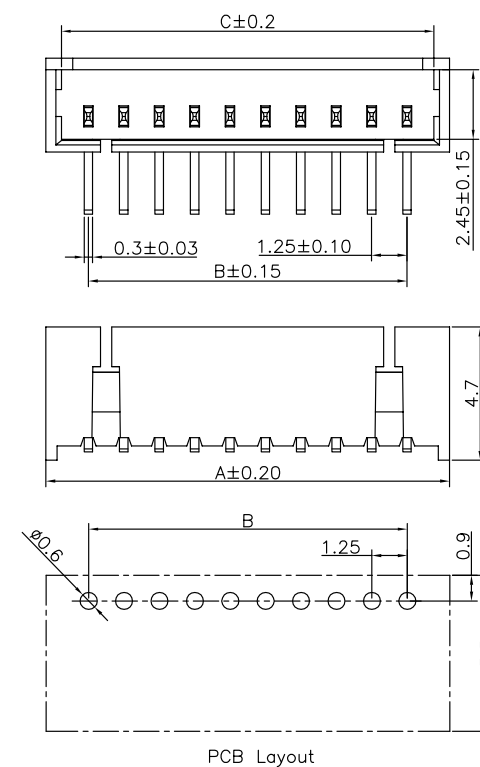
Mates with A1251 series housing

SERIES NO: A1251 W 0 1-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
COLOR: A-BLACK
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	4.20	---	3.10	10	14.20	11.25	13.10
03	5.45	2.50	4.35	11	15.45	12.50	14.35
04	6.70	3.75	5.60	12	16.70	13.75	15.60
05	7.95	5.00	6.85	13	17.95	15.00	16.85
06	9.20	6.25	8.10	14	19.20	16.25	18.10
07	10.45	7.50	9.35	15	20.45	17.50	19.35
08	11.70	8.75	10.60	16	21.70	18.75	20.60
09	12.95	10.00	11.85				

A1251W9-1XX1XXX

Pitch 1.25mm 90° Single row DIP Wafer



Specifications

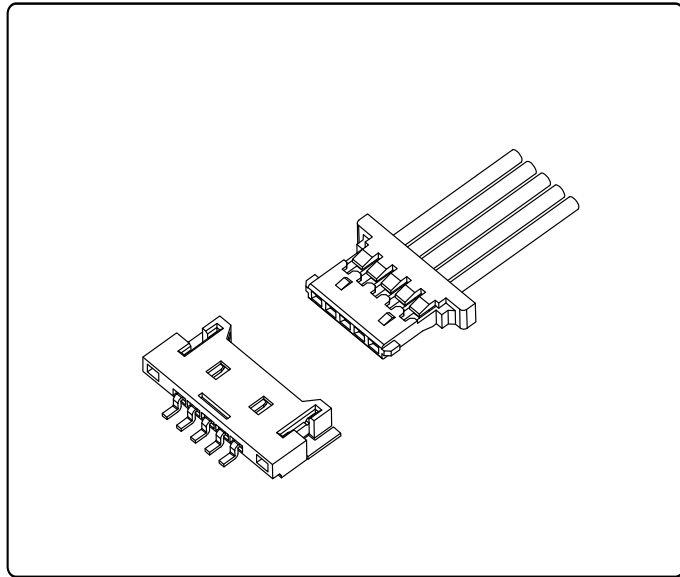
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A1251 series housing

SERIES NO: A1251 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
Package Spec: 0-LCP,Reel
1-LCP,PE BAG
COLOR: A-BLACK
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	4.20	---	3.10	10	14.20	11.25	13.10
03	5.45	2.50	4.35	11	15.45	12.50	14.35
04	6.70	3.75	5.60	12	16.70	13.75	15.60
05	7.95	5.00	6.85	13	17.95	15.00	16.85
06	9.20	6.25	8.10	14	19.20	16.25	18.10
07	10.45	7.50	9.35	15	20.45	17.50	19.35
08	11.70	8.75	10.60	16	21.70	18.75	20.60
09	12.95	10.00	11.85				

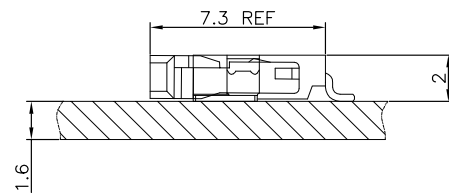


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 125V
Current rating: 1A
Contact resistance: $20\text{m}\Omega$ Max
Insulation resistance: $100\text{M}\Omega$ Min
Withstand voltage: 500V AC

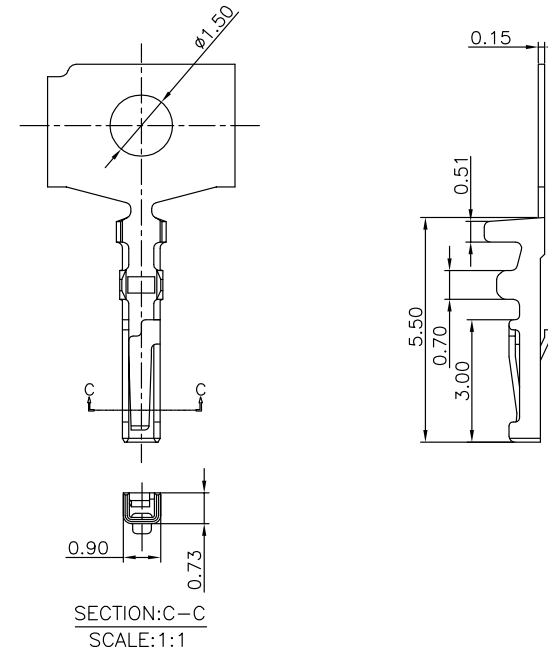
Assembly layout

wire to board



A1254TFX-X

Pitch 1.25mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

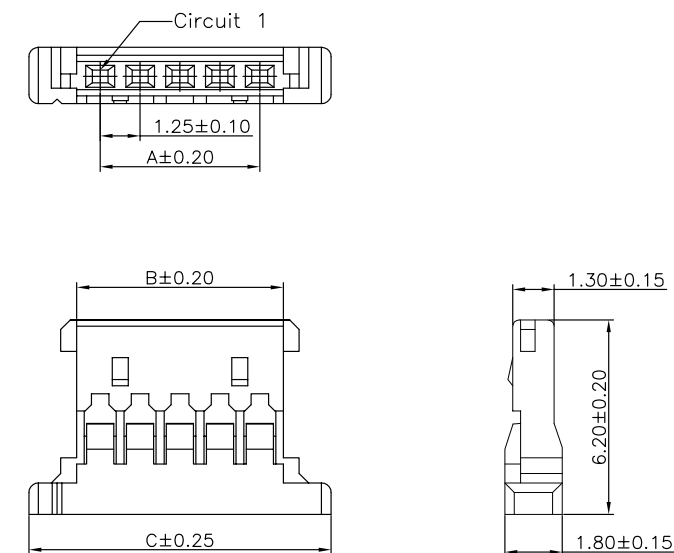
PLATING SPECIFICATION:
All Au G/F

APPLICABLE WIRES:AWG #28-#32
SUITABLE A1254 series housing

SERIES NO: A1254 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1254HM-1XXXX

Pitch 1.25mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

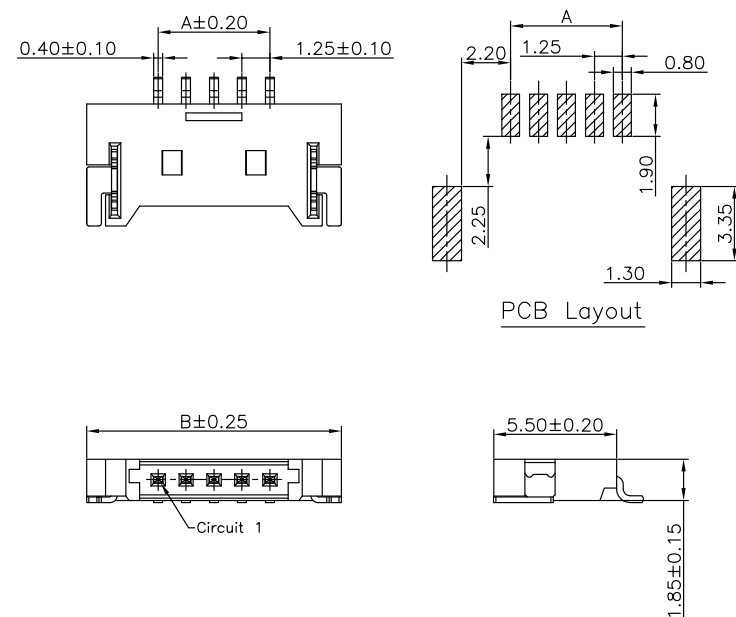
Suitable A1254 series Terminal
Mates With A1254 series Wafer

SERIES NO: A1254 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK K-WHITE
PIN Q'PY: 02~16

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	2.72	5.72	10	11.25	12.72	15.72
03	2.50	3.97	6.97	11	12.50	13.97	16.97
04	3.75	5.22	8.22	12	13.75	15.22	18.22
05	5.00	6.47	9.47	14	16.25	17.72	20.72
06	6.25	7.72	10.72	15	17.50	18.97	21.97
07	7.50	8.97	11.97	16	18.75	20.22	23.22
08	8.75	10.22	13.22	20	23.75	25.22	28.22
09	10.00	11.47	14.47	30	36.25	37.72	40.72

A1254W9-1XX2XX0

Pitch 1.25mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:All Au G/F

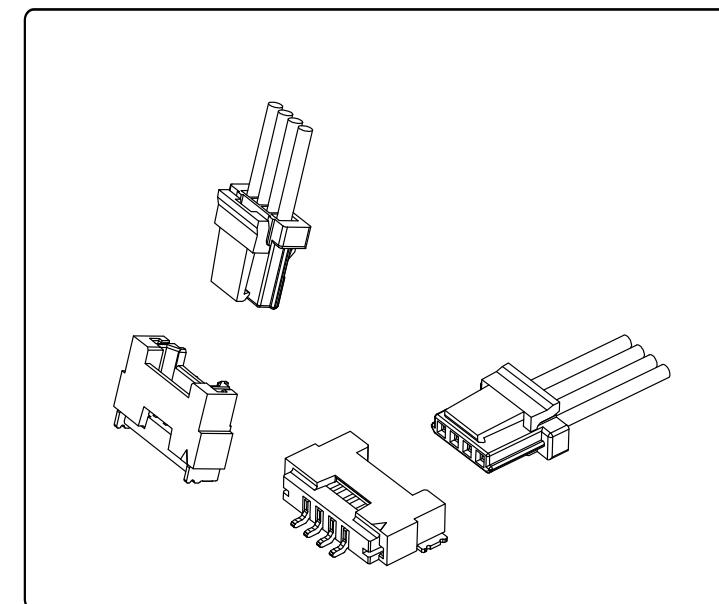
Mates with A1254 series housing

SERIES NO: A1254 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~30
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.65	10	11.25	17.65
03	2.50	8.90	11	12.50	18.90
04	3.75	10.15	12	13.75	20.15
05	5.00	11.40	14	16.25	22.65
06	6.25	12.65	15	17.50	23.90
07	7.50	13.90	16	18.75	25.15
08	8.75	15.15	20	23.75	30.15
09	10.00	16.40	30	36.25	42.65

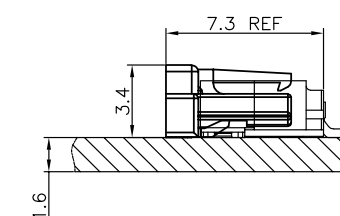
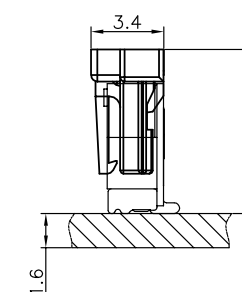
Specifications

Temperature range: -25°C~+85°C
Voltage rating:150V
Current rating:1A
Contact resistance: 30mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage:500V AC



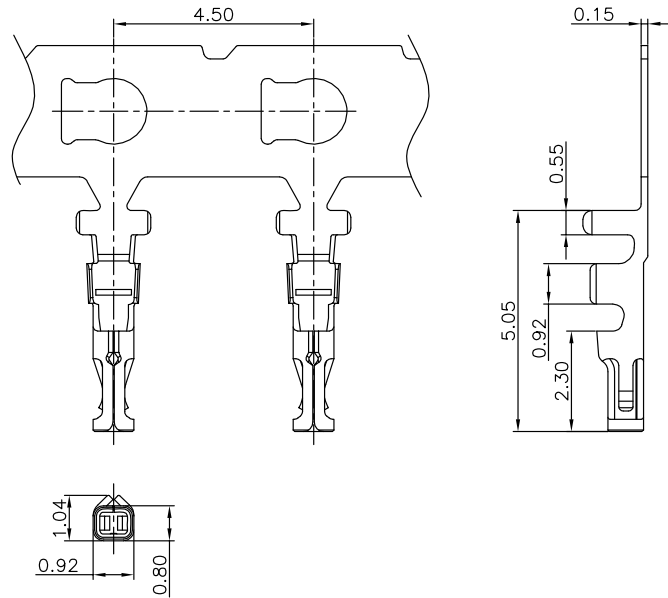
Assembly layout

wire to board



A1255TFX-X

Pitch 1.25mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

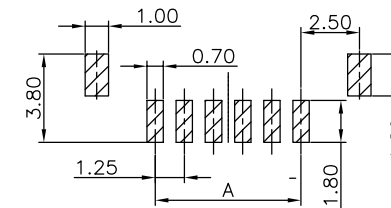
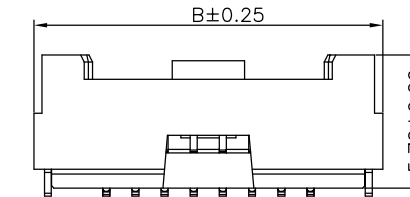
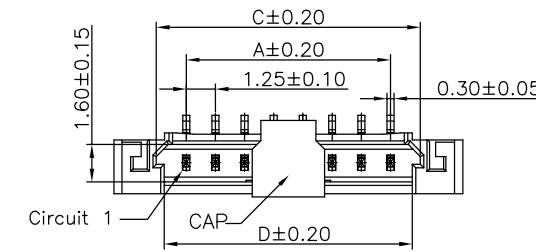
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28-#32
SUITABLE A1255 series housing

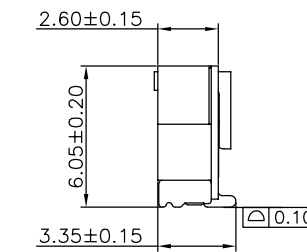
SERIES NO: A1255 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1255W0-1XX2XX0

Pitch 1.25mm 180° Single row SMT Wafer



PCB Layout



Specifications

MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Barss

PLATING SPECIFICATION:
Contacts:Matte tin

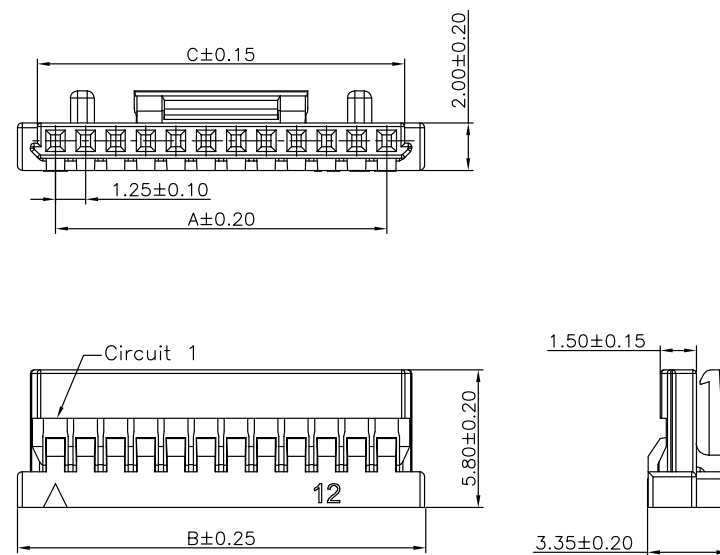
Mates with A1255 series housing

SERIES NO: A1255 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			
	A	B	C	D
02	---	7.45	3.81	3.13
03	2.50	8.70	5.06	4.38
04	3.75	9.95	6.31	5.63
05	5.00	11.20	7.56	6.88
06	6.25	12.45	8.81	8.13
07	7.50	13.70	10.06	9.38
08	8.75	14.95	11.31	10.63
09	10.00	16.20	12.56	11.88
10	11.25	17.45	13.81	13.13
11	12.50	18.70	15.06	14.38
12	13.75	19.95	16.31	15.63
13	15.00	21.20	17.56	16.88
14	16.25	22.45	18.81	18.13
15	17.50	23.70	20.06	19.38
20	23.75	29.95	26.31	25.63

A1255HM-1XXX0

Pitch 1.25mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

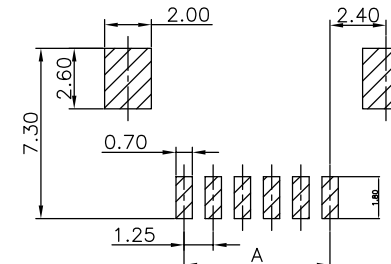
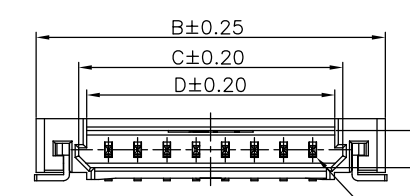
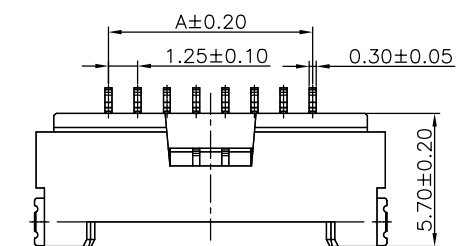
Suitable A1255 series Terminal
Mates With A1255 series Wafer

SERIES NO: A1255 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~30
ROW NO: 1-SINGLE ROW

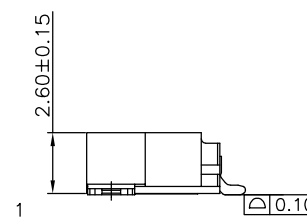
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.40	2.75	11	12.50	15.65	14.00
03	2.50	5.65	4.00	12	13.75	16.90	15.25
04	3.75	6.90	5.25	13	15.00	18.15	16.50
05	5.00	8.15	6.50	14	16.25	19.40	17.75
06	6.25	9.40	7.75	15	17.50	20.65	19.00
07	7.50	10.65	9.00	20	23.75	26.90	25.25
08	8.75	11.90	10.25	25	30.00	33.15	31.50
09	10.00	13.15	11.50	30	36.25	39.40	37.75
10	11.25	14.40	12.75				

A1255W9-1XX2XX0

Pitch 1.25mm 90° Single row SMT Wafer



PCB Layout



Specifications

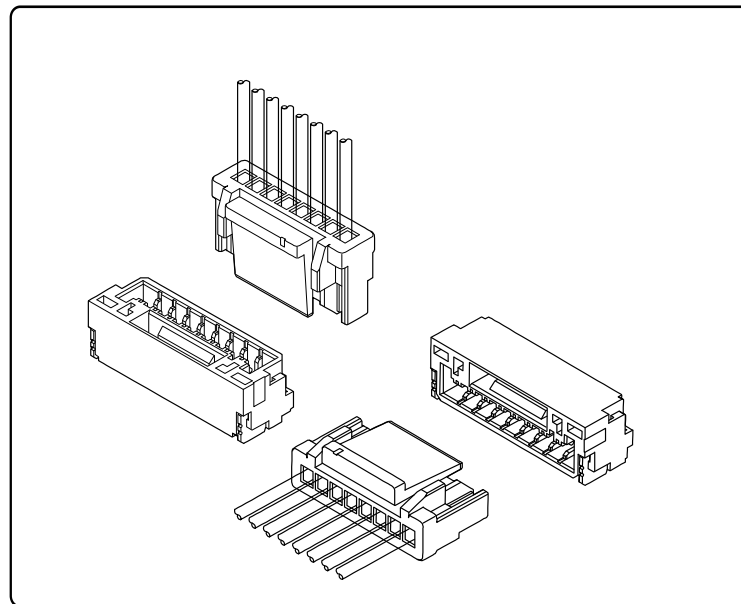
MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Barss

PLATING SPECIFICATION:
Contacts:All Au G/F

Mates with A1255 series housing

SERIES NO: A1255 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			
	A	B	C	D
02	---	7.45	3.81	3.13
03	2.50	8.70	5.06	4.38
04	3.75	9.95	6.31	5.63
05	5.00	11.20	7.56	6.88
06	6.25	12.45	8.81	8.13
07	7.50	13.70	10.06	9.38
08	8.75	14.95	11.31	10.63
09	10.00	16.20	12.56	11.88
10	11.25	17.45	13.81	13.13
11	12.50	18.70	15.06	14.38
12	13.75	19.95	16.31	15.63
13	15.00	21.20	17.56	16.88
14	16.25	22.45	18.81	18.13
15	17.50	23.70	20.06	19.38
20	23.75	29.95	26.31	25.63

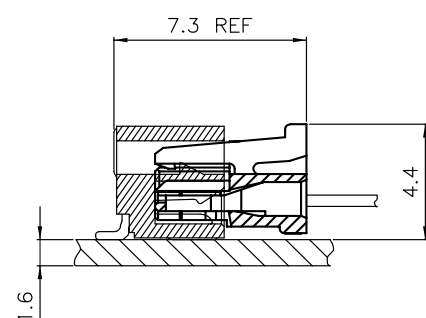
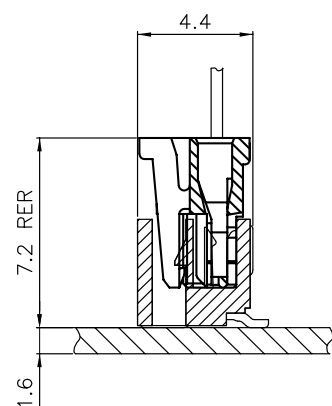


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 1A
Contact resistance: 30mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

Assembly layout

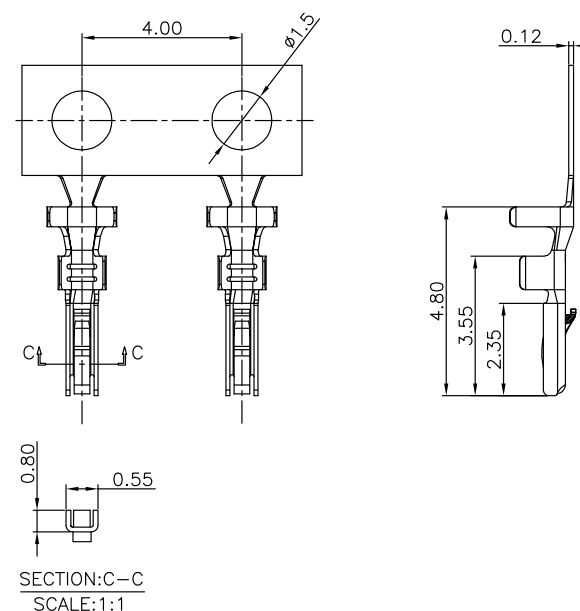
wire to board



SMT Type

A1257TFX-X

Pitch 1.25mm Terminal

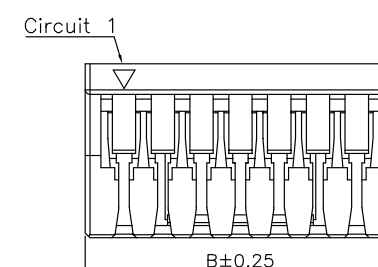
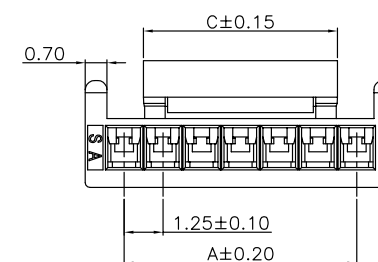


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #26-#30
SUITABLE A1257 series housing
SERIES NO: A1257 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A1257HM-1XXX0

Pitch 1.25mm Single row Housing



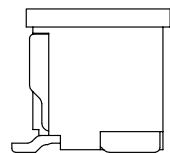
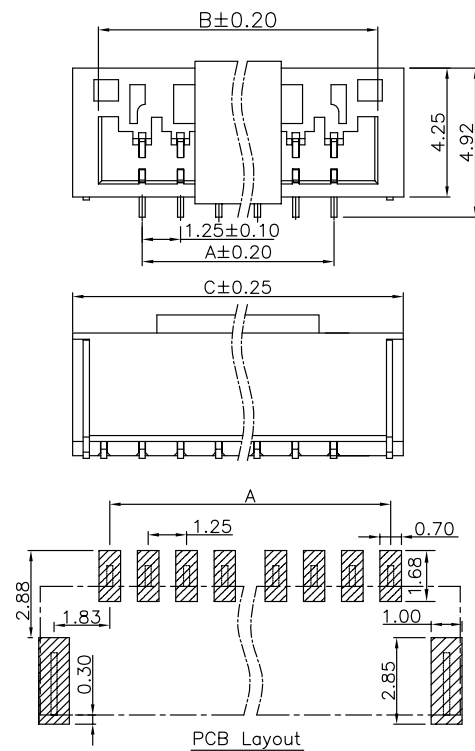
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable A1257 series Terminal
Mates With A1257 series Wafer
SERIES NO: A1257 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR:
A-BLACK
K-WHITE
PIN Q'PY:
02~16
ROW NO:
1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.75	2.10	10	11.25	13.75	8.20
03	2.50	5.00	3.00	11	12.50	15.00	8.20
04	3.75	6.25	4.05	12	13.75	16.25	8.20
05	5.00	7.50	4.25	13	15.00	17.50	8.20
06	6.25	8.75	6.25	14	16.25	18.75	8.20
07	7.50	10.00	6.25	15	17.50	20.00	8.20
08	8.75	11.25	6.25	16	18.75	21.25	8.20
09	10.00	12.50	6.25				

A1257W0-1XX2XX0

Pitch 1.25mm 180° Single row SMT Wafer



Specifications

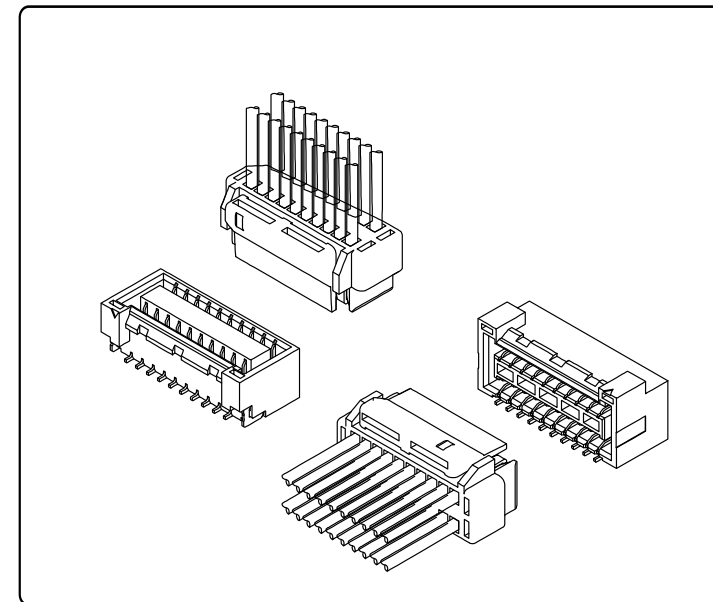
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts:Bright tin
Mates with A1257 series housing

SERIES NO: A1257 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.85	5.80	12	13.75	16.35	18.30
03	2.50	5.10	7.05	13	15.00	17.60	19.55
04	3.75	6.35	8.30	14	16.25	18.85	20.80
05	5.00	7.60	9.55	15	17.50	20.10	22.05
06	6.25	8.85	10.80	16	18.75	21.35	23.30
07	7.50	10.10	12.05	17	20.00	22.60	24.55
08	8.75	11.35	13.30	18	21.25	23.85	25.80
09	10.00	12.60	14.55	19	22.50	25.10	27.05
10	11.25	13.85	15.80	20	23.75	26.35	28.30
11	12.50	15.10	17.05				

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 1A
Contact resistance: 50mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 500V AC

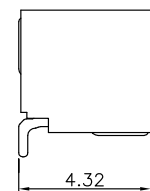
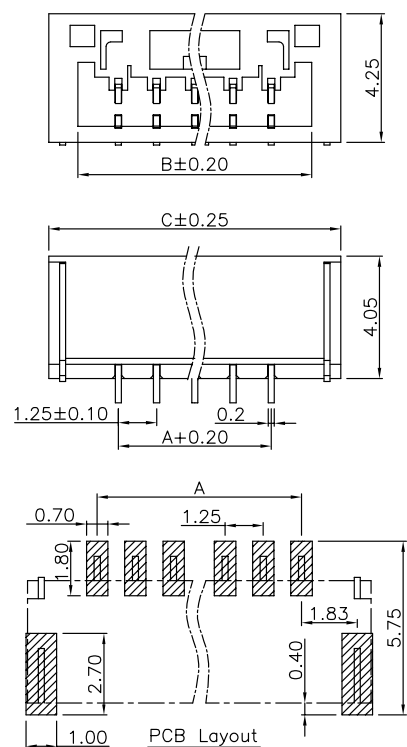


Assembly layout

wire to board

A1257W9-1XX2XX0

Pitch 1.25mm 90° Single row SMT Wafer

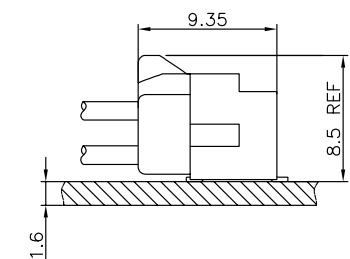
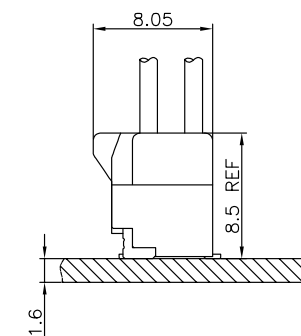


Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts:Bright tin
Mates with A1257 series housing

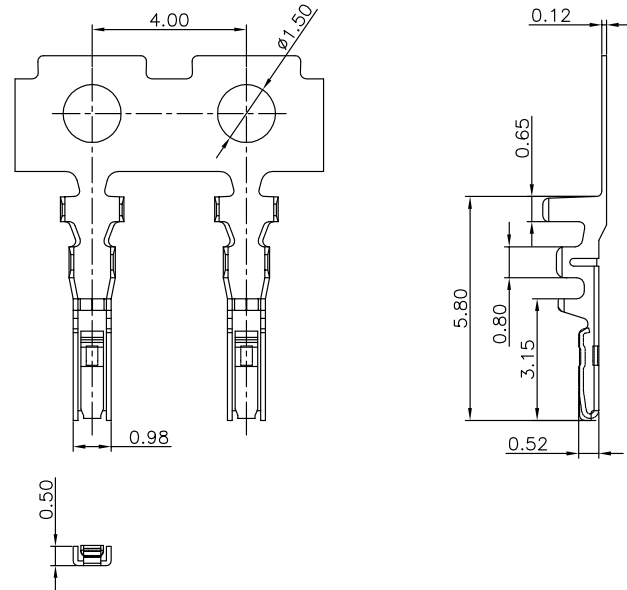
SERIES NO: A1257 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.85	5.80	12	13.75	16.35	18.30
03	2.50	5.10	7.05	13	15.00	17.60	19.55
04	3.75	6.35	8.30	14	16.25	18.85	20.80
05	5.00	7.60	9.55	15	17.50	20.10	22.05
06	6.25	8.85	10.80	16	18.75	21.35	23.30
07	7.50	10.10	12.05	17	20.00	22.60	24.55
08	8.75	11.35	13.30	18	21.25	23.85	25.80
09	10.00	12.60	14.55	19	22.50	25.10	27.05
10	11.25	13.85	15.80	20	23.75	26.35	28.30
11	12.50	15.10	17.05				



A1259TFX-X

Pitch 1.25mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

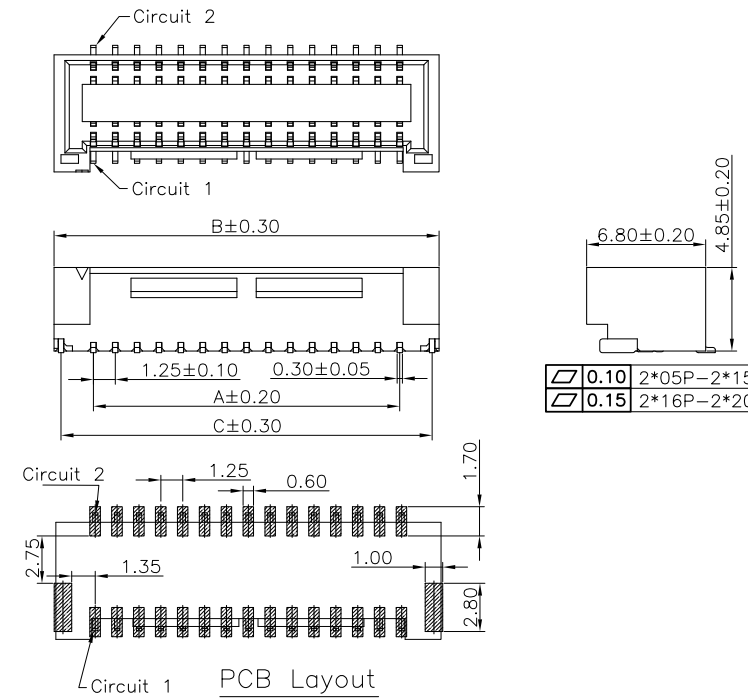
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #26-#32
SUITABLE A1259 series housing

SERIES NO: A1259 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1259W0-2XX2XX0

Pitch 1.25mm 180° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Bright tin

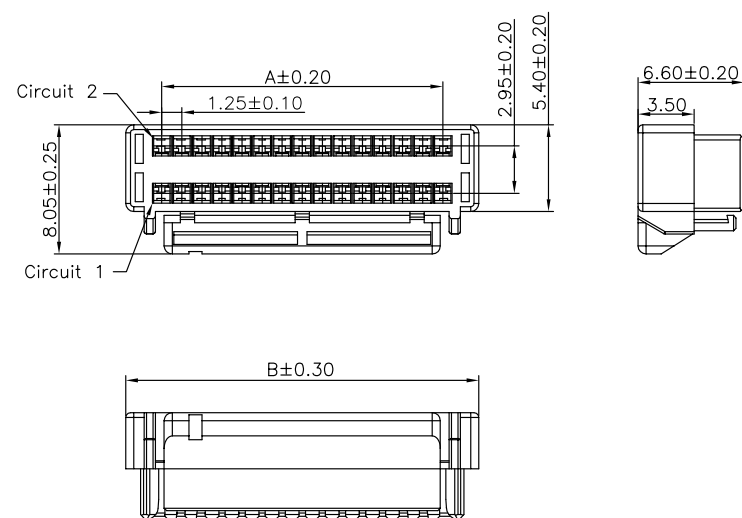
Mates with A1259 series housing

SERIES NO: A1259 W 0-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 10~40
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
2*05	5.00	9.50	8.70	2*13	15.00	19.50	18.70
2*06	6.25	10.75	9.95	2*14	16.25	20.75	19.95
2*07	7.50	12.00	11.20	2*15	17.50	22.00	21.20
2*08	8.75	13.25	12.45	2*16	18.75	23.25	22.45
2*09	10.00	14.50	13.70	2*17	20.00	24.50	23.70
2*10	11.25	15.75	14.95	2*18	21.25	25.75	24.95
2*11	12.50	17.00	16.20	2*19	22.50	27.00	26.20
2*12	13.75	18.25	17.45	2*20	23.75	28.25	27.45

A1259HM-2XXX0

Pitch 1.25mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

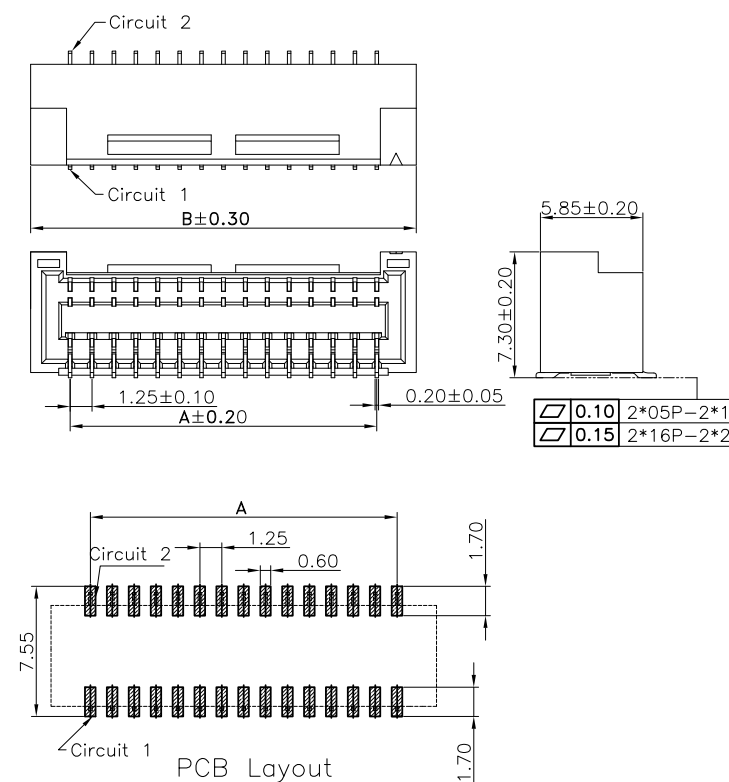
Suitable A1259 series Terminal
Mates With A1259 series Wafer

SERIES NO: A1259 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK K-WHITE
PIN Q'PY: 10~40
ROW NO: 2-DOUBLE ROW

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*05	5.00	9.50	2*13	15.00	19.50
2*06	6.25	10.75	2*14	16.25	20.75
2*07	7.50	12.00	2*15	17.50	22.00
2*08	8.75	13.25	2*16	18.75	23.25
2*09	10.00	14.50	2*17	20.00	24.50
2*10	11.25	15.75	2*18	21.25	25.75
2*11	12.50	17.00	2*19	22.50	27.00
2*12	13.75	18.25	2*20	23.75	28.25

A1259W9-2XX2XX0

Pitch 1.25mm 90° Double row SMT Wafer



Specifications

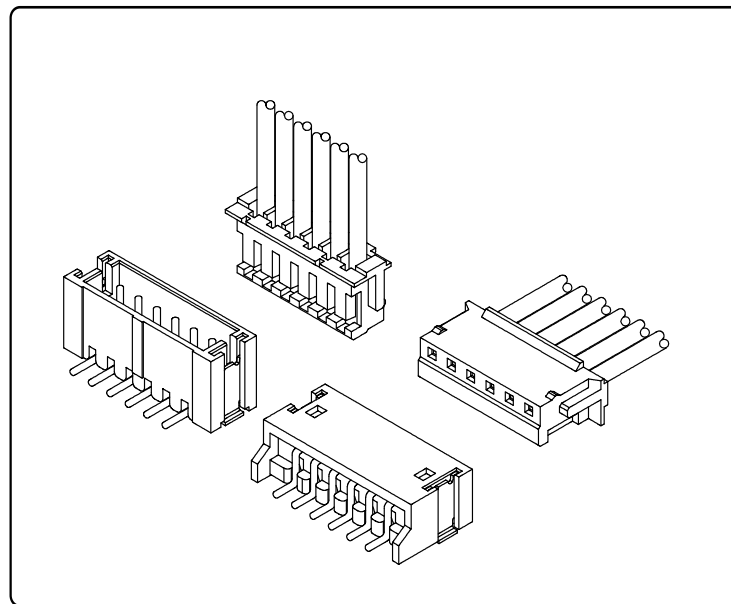
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A1259 series housing

SERIES NO: A1259 W 9-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 10~40
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*05	5.00	9.50	2*13	15.00	19.50
2*06	6.25	10.75	2*14	16.25	20.75
2*07	7.50	12.00	2*15	17.50	22.00
2*08	8.75	13.25	2*16	18.75	23.25
2*09	10.00	14.50	2*17	20.00	24.50
2*10	11.25	15.75	2*18	21.25	25.75
2*11	12.50	17.00	2*19	22.50	27.00
2*12	13.75	18.25	2*20	23.75	28.25

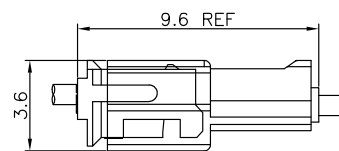


Specifications

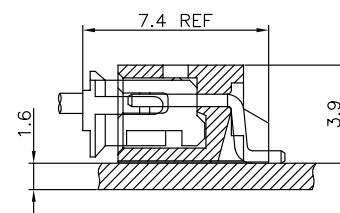
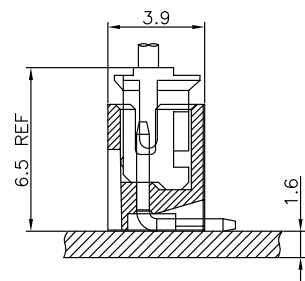
Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1A
 Contact resistance: $20\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC

Assembly layout

wire to wire

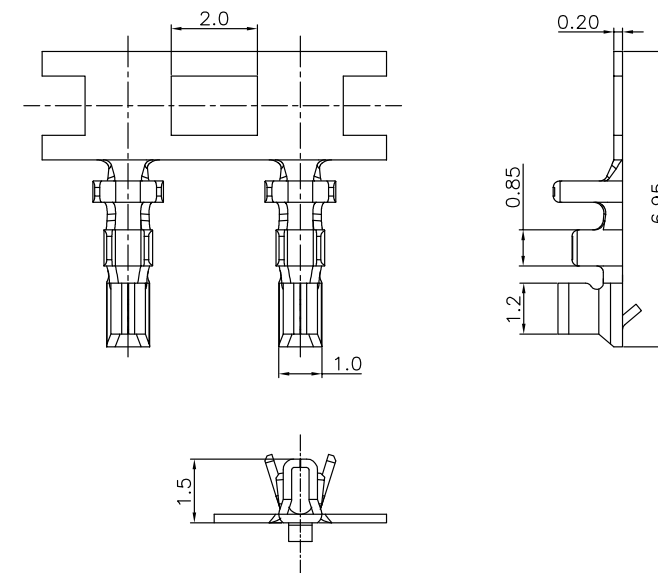


wire to board



A1501TFX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES: AWG #26-#32
 SUITABLE A1501 series Male housing

A1501 T F X-X

SERIES NO: _____
 CONNECTOR: _____
 T-TERMINAL

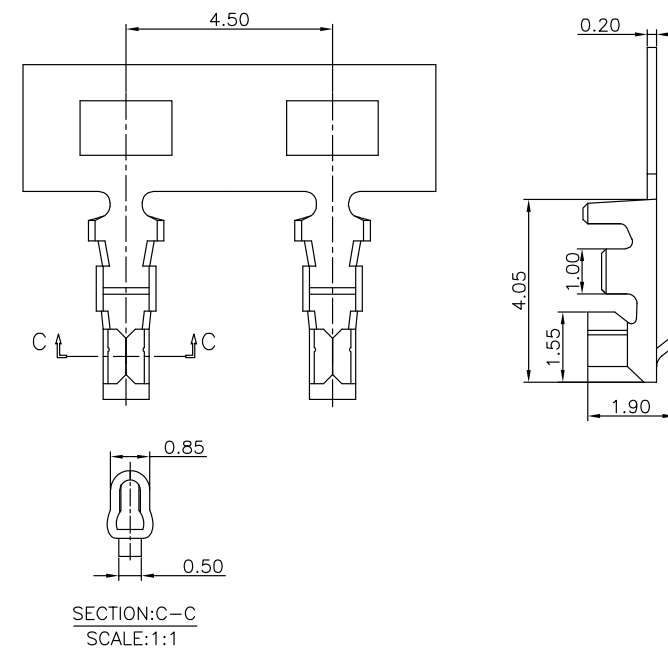
PLATING:
 1-G/F
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN

MALE FEMALE:
 F-FEMALE
 M-MALE

METAL:
 P-PHOSPHOR BRONZE
 B-BRASS
 F-FE

A1501T1FX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES: AWG #26-#30
 SUITABLE A1501 series Male housing

A1501 T 1 F X-X

SERIES NO: _____
 CONNECTOR: _____
 T-TERMINAL
 TYPE CODE

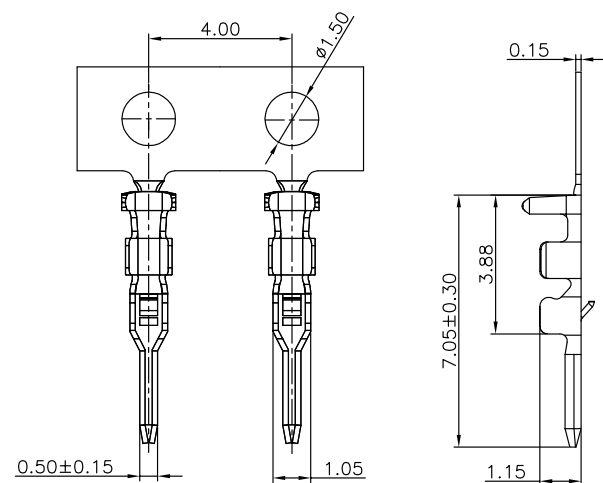
PLATING:
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN

MALE FEMALE:
 F-FEMALE
 M-MALE

METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

A1501TXMX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

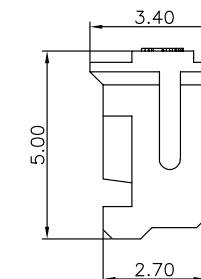
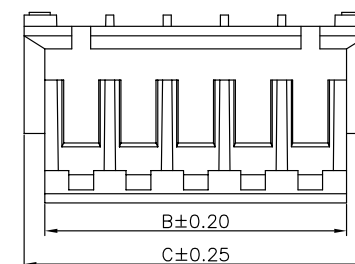
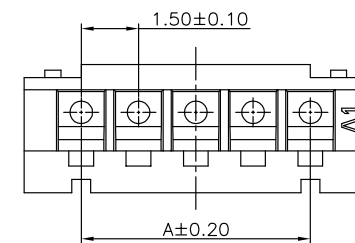
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #26-#30
SUITABLE A1501 series Female housing

SERIES NO: A1501 T X M X-X
CONNECTOR: T-TERMINAL
1-NO Mark
2-With Mark
MALE FEMALE: F-FEMALE
M-MALE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS

A1501HM-1XXX1

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

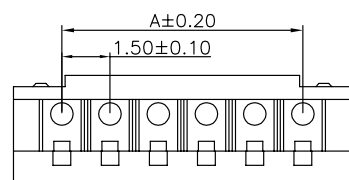
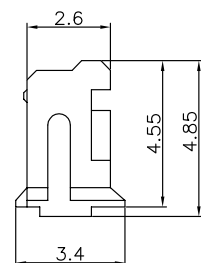
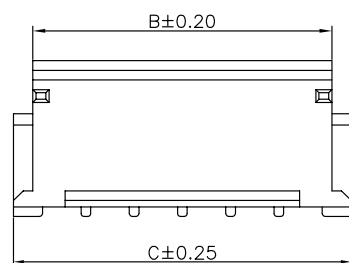
Suitable A1501 series Terminal
Mates With A1501 series Wafer

SERIES NO: A1501 H M-1 XX X 1
COLOR: A-BLACK
K-WHITE(低温料)
M-BEIGE(高温料)
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q' PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.40	4.50	10	13.50	15.40	16.50
03	3.00	4.90	6.00	11	15.00	16.90	18.00
04	4.50	6.40	7.50	12	16.50	18.40	19.50
05	6.00	7.90	9.00	13	18.00	19.90	21.00
06	7.50	9.40	10.50	14	19.50	21.40	22.50
07	9.00	10.90	12.00	15	21.00	22.90	24.00
08	10.50	12.40	13.50	16	22.50	24.40	25.50
09	12.00	13.90	15.00				

A1501HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

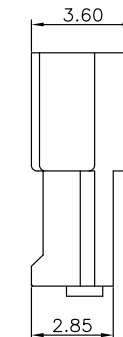
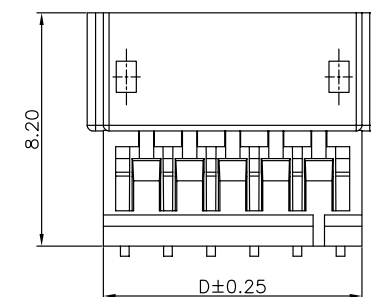
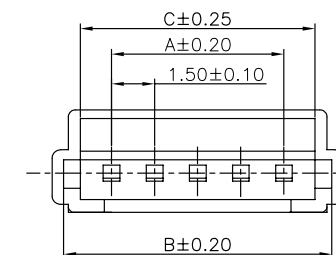
Suitable A1501 series Terminal
Mates With A1501 series Wafer

SERIES NO: A1501 H M-1 XX X 0
COLOR: A-BLACK
S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q' PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.30	4.50	10	13.50	15.30	16.50
03	3.00	4.80	6.00	11	15.00	16.80	18.00
04	4.50	6.30	7.50	12	16.50	18.30	19.50
05	6.00	7.80	9.00	13	18.00	19.80	21.00
06	7.50	9.30	10.50	14	19.50	21.30	22.50
07	9.00	10.80	12.00	15	21.00	22.80	24.00
08	10.50	12.30	13.50	16	22.50	24.30	25.50
09	12.00	13.80	15.00				

A1501HF-1XXXX

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

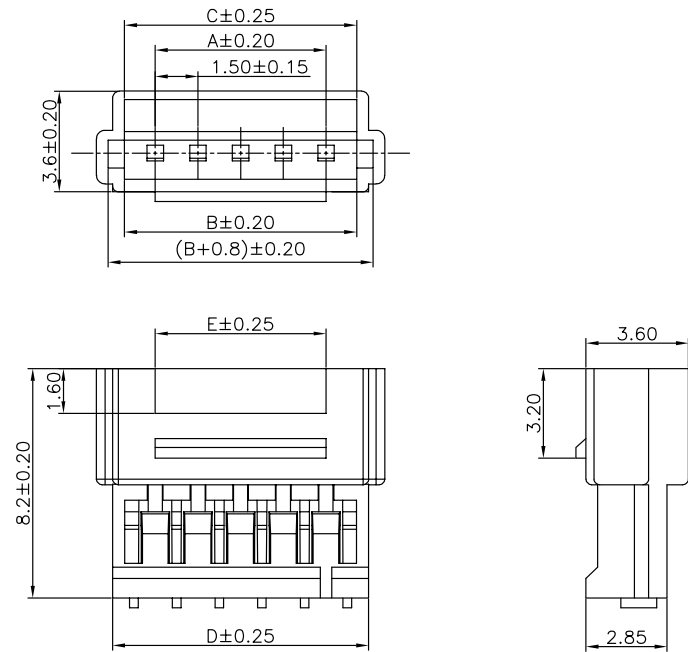
Suitable A1501 series Terminal
Mates With A1501 series Male housing

SERIES NO: A1501 H F-1 XX X X
1-NO Mark
2-With Mark
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
F-FEMALE
COLOR: A-BLACK
K-WHITE
PIN Q' PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	4.82	3.66	4.50	10	13.50	16.82	15.66	16.50
03	3.00	6.32	5.16	6.00	11	15.00	18.32	17.16	18.00
04	4.50	7.82	6.66	7.50	12	16.50	19.82	18.66	19.50
05	6.00	9.32	8.16	9.00	13	18.00	21.32	20.16	21.00
06	7.50	10.82	9.66	10.50	14	19.50	22.82	21.66	22.50
07	9.00	12.32	11.16	12.00	15	21.00	24.32	23.16	24.00
08	10.50	13.82	12.66	13.50	16	22.50	25.82	24.66	25.50
09	12.00	15.32	14.16	15.00					

A1501H1F-1XXXX

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

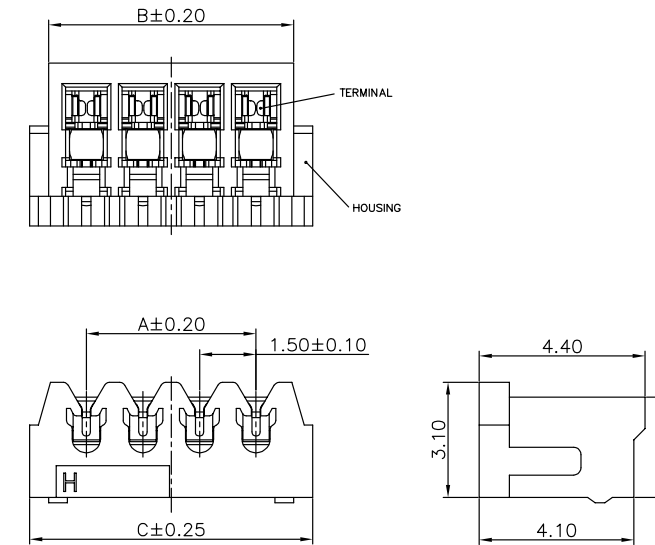
Suitable A1501 series Terminal
Mates With A1501 series Male housing

A1501 H 1 F-1 XX X X
SERIES NO: 1-NO Mark
CONNECTOR: H-HOUSING 2-With Mark
1-TYPE CODE:1
MALE FEMALE: A-BLACK
M-MALE K-WHITE
F-FEMALE
ROW NO: 02~16
1-SINGLE ROW
PIN Q' PY: 02~16

Circuit	Dimensions(mm)				
	A	B	C	D	E
02	---	4.82	3.66	4.50	3.00
03	3.00	6.32	5.16	6.00	3.00
04	4.50	7.82	6.66	7.50	4.50
05	6.00	9.32	8.16	9.00	6.00
06	7.50	10.82	9.66	10.50	7.50
07	9.00	12.32	11.16	12.00	9.00
08	10.50	13.82	12.66	13.50	10.50
09	12.00	15.32	14.16	15.00	12.00
10	13.50	16.82	15.66	16.50	13.50
11	15.00	18.32	17.16	18.00	15.00
12	16.50	19.82	18.66	19.50	16.50
13	18.00	21.32	20.16	21.00	18.00
14	19.50	22.82	21.66	22.50	19.50
15	21.00	24.32	23.16	24.00	21.00
16	22.50	25.82	24.66	25.50	22.50

A1501H2M-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Terminal: Phosphor Bronze

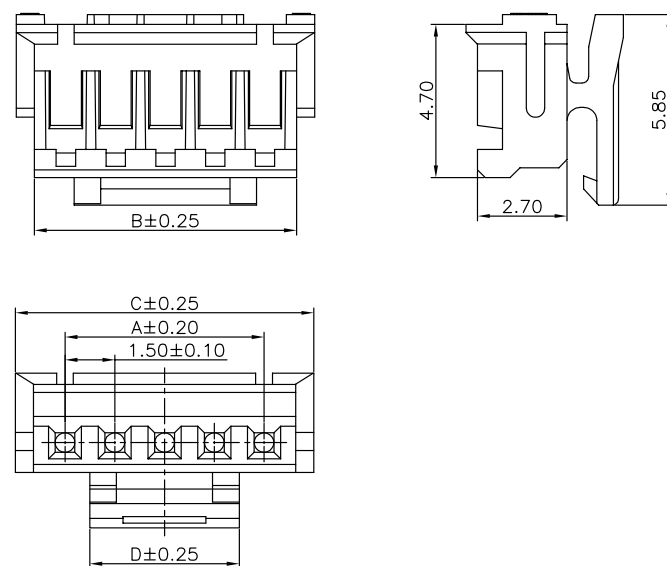
Suitable A1501 series Terminal
Mates With A1501 series Wafer

A1501 H 2 M-1 XX X 0
SERIES NO: 1-NO Mark
CONNECTOR: H-HOUSING 2-With Mark
TYPE CODE: 1
MALE FEMALE: A-BLACK
M-MALE K-WHITE
ROW NO: 02~13
1-SINGLE ROW
PIN Q' PY: 02~13

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.50	4.50	08	10.50	12.50	13.50
03	3.00	5.00	6.00	09	12.00	14.00	15.00
04	4.50	6.50	7.50	10	13.50	15.50	16.50
05	6.00	8.00	9.00	11	15.00	17.00	18.00
06	7.50	9.50	10.50	12	16.50	18.50	19.50
07	9.00	11.00	12.00	13	18.00	20.00	21.00

A1501H1M-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

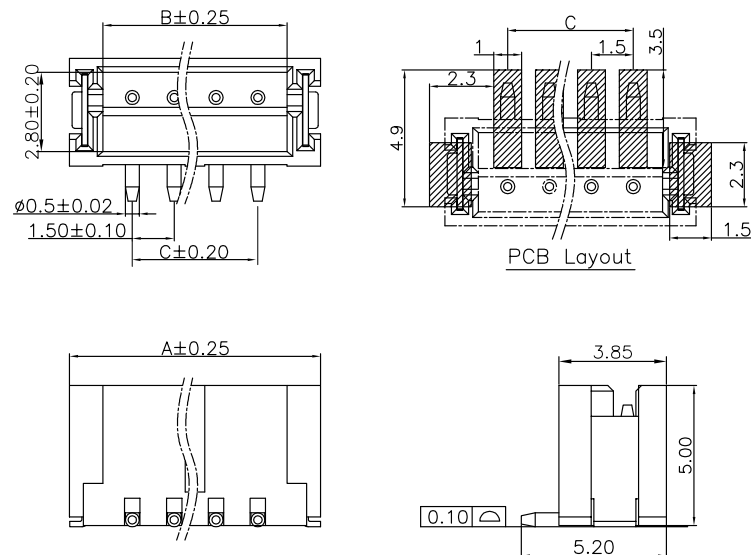
Suitable A1501 series Terminal
Mates With A1501 series Wafer

A1501 H 1 M-1 XX X 0
SERIES NO: 1-NO Mark
CONNECTOR: H-HOUSING 2-With Mark
TYPE CODE: 1
MALE FEMALE: A-BLACK
M-MALE K-WHITE
ROW NO: 02~16
1-SINGLE ROW
PIN Q' PY: 02~16

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	3.40	4.50	2.30	10	13.50	15.40	16.50	6.00
03	3.00	4.90	6.00	3.00	11	15.00	16.90	18.00	
04	4.50	6.40	7.50	3.00	12	16.50	18.40	19.50	
05	6.00	7.90	9.00	4.50	13	18.00	19.90	21.00	
06	7.50	9.40	10.50	6.00	14	19.50	21.40	22.50	
07	9.00	10.90	12.00		15	21.00	22.90	24.00	
08	10.50	12.40	13.50		16	22.50	24.40	25.50	
09	12.00	13.90	15.00						

A1501W0-1XX2XXX

Pitch 1.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1501 series housing

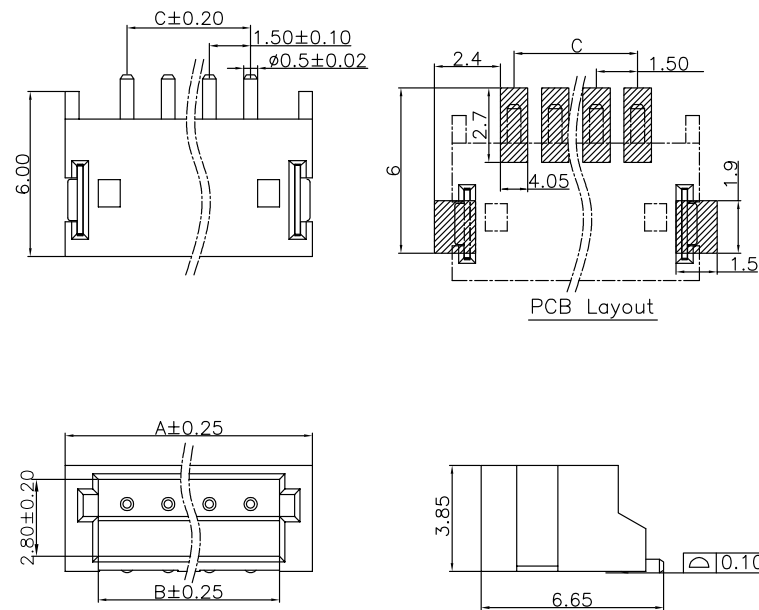
SERIES NO: A1501 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

CAP: 1.HAVE
2.NO
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	6.00	3.60	---	10	18.00	15.60	13.50
03	7.50	5.10	3.00	11	19.50	17.10	15.00
04	9.00	6.60	4.50	12	21.00	18.60	16.20
05	10.50	8.10	6.00	13	22.50	20.10	18.00
06	12.00	9.60	7.50	14	24.00	21.60	19.50
07	13.50	11.10	9.00	15	25.50	23.10	21.00
08	15.00	12.60	10.50	16	27.00	24.60	22.50
09	16.50	14.10	12.00				

A1501W9-1XX2XXX

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1501 series housing

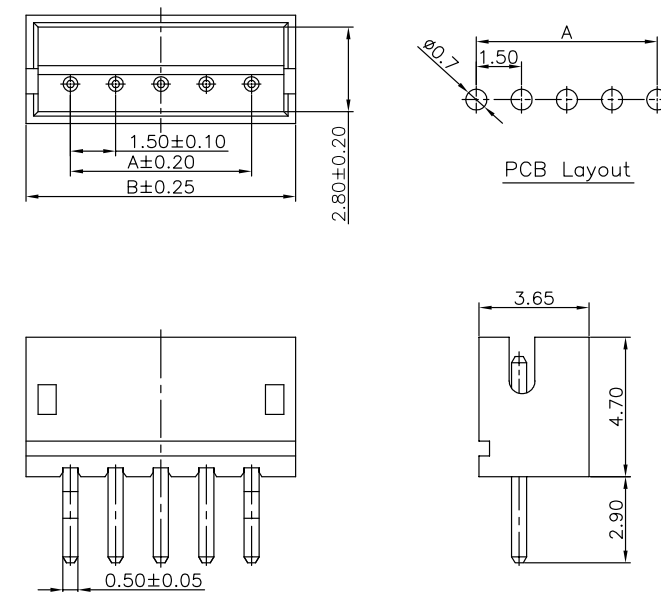
SERIES NO: A1501 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

HOUSING: 1-PA9T
2-LCP
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	6.00	3.60	---	10	18.00	15.60	13.50
03	7.50	5.10	3.00	11	19.50	17.10	15.00
04	9.00	6.60	4.50	12	21.00	18.60	16.20
05	10.50	8.10	6.00	13	22.50	20.10	18.00
06	12.00	9.60	7.50	14	24.00	21.60	19.50
07	13.50	11.10	9.00	15	25.50	23.10	21.00
08	15.00	12.60	10.50	16	27.00	24.60	22.50
09	16.50	14.10	12.00				

A1501W0-1XX1XXX

Pitch 1.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1501 series housing

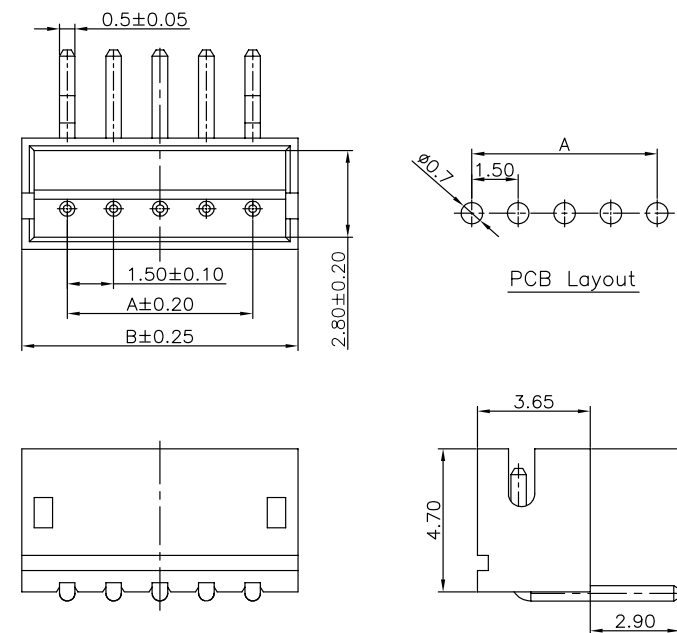
SERIES NO: A1501 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20

TYPE: 1-无K脚
2-打K脚
COLOR: K-WHITE
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.50	12	16.50	19.50		
03	3.00	6.00	13	18.00	21.00		
04	4.50	7.50	14	19.50	22.50		
05	6.00	9.00	15	21.00	24.00		
06	7.50	10.50	16	22.50	25.50		
07	9.00	12.00	17	24.00	27.00		
08	10.50	13.50	18	25.50	28.50		
09	12.00	15.00	19	27.00	30.00		
10	13.50	16.50	20	28.50	31.50		
11	15.00	18.00					

A1501W9-1XX1XXX

Pitch 1.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

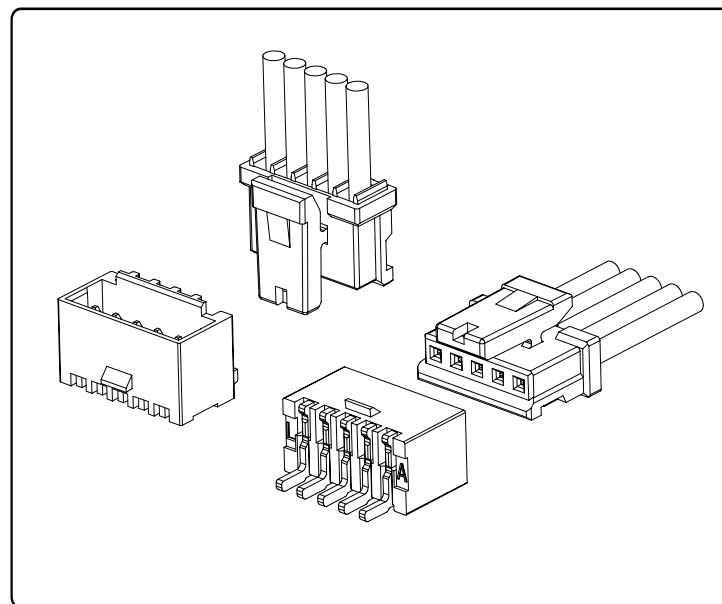
PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1501 series housing

SERIES NO: A1501 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20

TYPE: 1-无K脚
2-打K脚
COLOR: K-WHITE
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.50	12	16.50	19.50		
03	3.00	6.00	13	18.00	21.00		
04	4.50	7.50	14	19.50	22.50		
05	6.00	9.00	15	21.00	24.00		
06	7.50	10.50	16	22.50	25.50		
07	9.00	12.00	17	24.00	27.00		
08	10.50	13.50	18	25.50	28.50		
09	12.00	15.00	19	27.00	30.00		
10	13.50	16.50	20	28.50	31.50		
11	15.00	18.00					

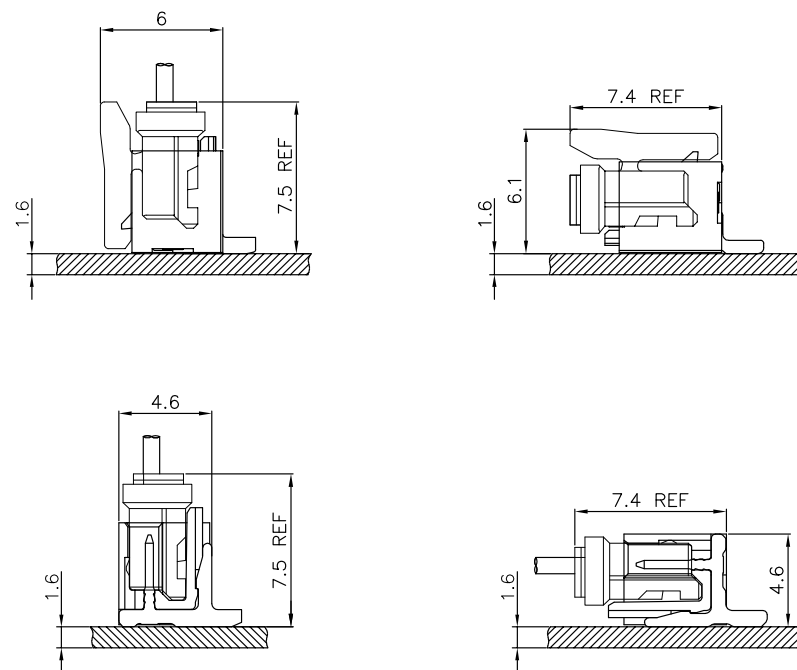


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 250V
 Current rating: 3A
 Contact resistance: $20\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 500V AC

Assembly layout

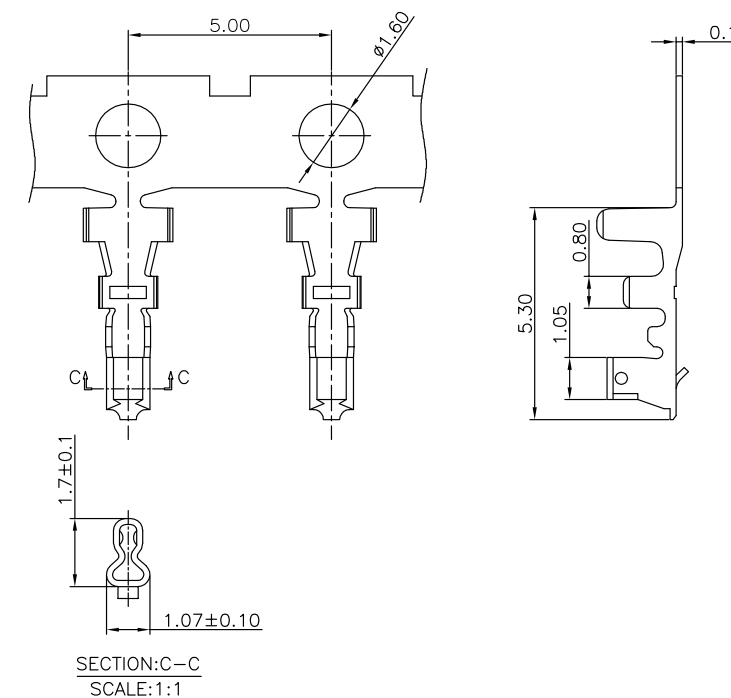
wire to board



SMT Type

A1502TFX-X

Pitch 1.50mm Terminal

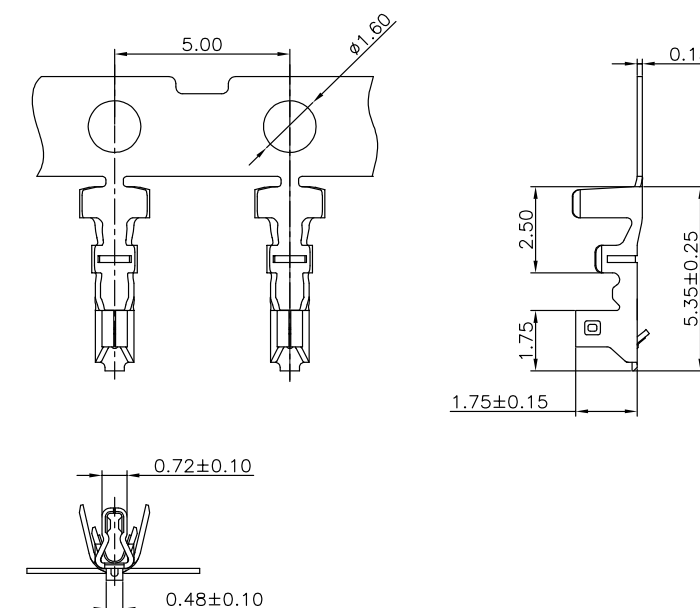


Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES: AWG #24-#28
 SUITABLE A1502 series housing
 SERIES NO: A1502 T F X-X
 CONNECTOR: T-TERMINAL
 MALE FEMALE: F-FEMALE M-MALE
 PLATING:
 1-G/F
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN
 METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

A1502T1FX-X

Pitch 1.50mm Terminal

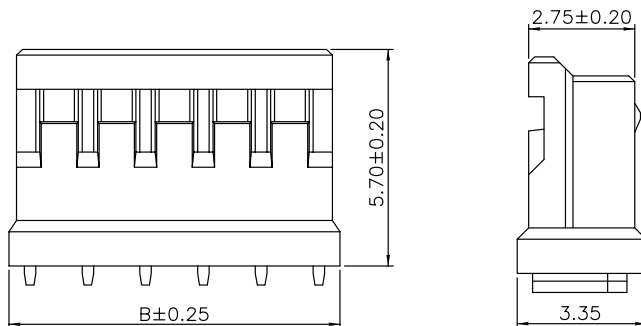
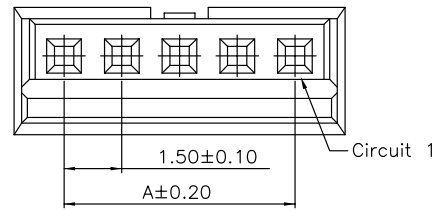


Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES: AWG #24-#26
 SUITABLE A1502 series housing
 SERIES NO: A1502 T 1 F X-X
 CONNECTOR: T-TERMINAL
 TYPE CODE
 MALE FEMALE: F-FEMALE M-MALE
 PLATING:
 1-G/F
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN
 METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

A1502HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

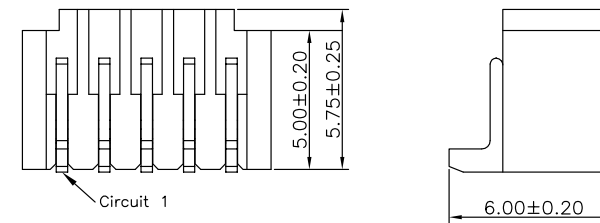
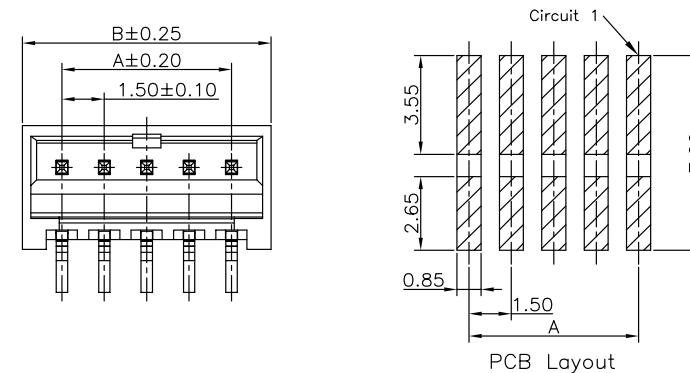
Suitable A1502 series Terminal
Mates With A1502 series Wafer

SERIES NO.: A1502 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~15
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.10	09	12.00	14.60
03	3.00	5.60	10	13.50	16.10
04	4.50	7.10	11	15.00	17.60
05	6.00	8.60	12	16.50	19.10
06	7.50	10.10	13	18.00	20.60
07	9.00	11.60	14	19.50	22.10
08	10.50	13.10	15	21.00	23.60

A1502W0-1XX2XX0

Pitch 1.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

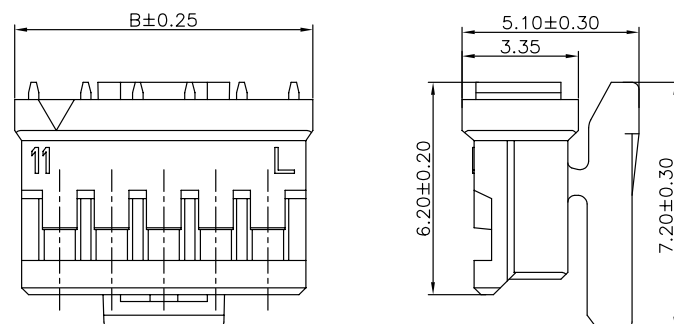
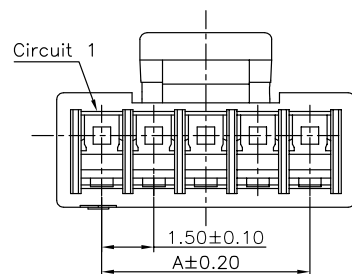
Mates with A1502 series housing

SERIES NO.: A1502 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.30	09	12.00	14.80
03	3.00	5.80	10	13.50	16.30
04	4.50	7.30	11	15.00	17.80
05	6.00	8.80	12	16.50	19.30
06	7.50	10.30	13	18.00	20.80
07	9.00	11.80	14	19.50	22.30
08	10.50	13.30	15	21.00	23.80

A15021HM-1XXX1

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

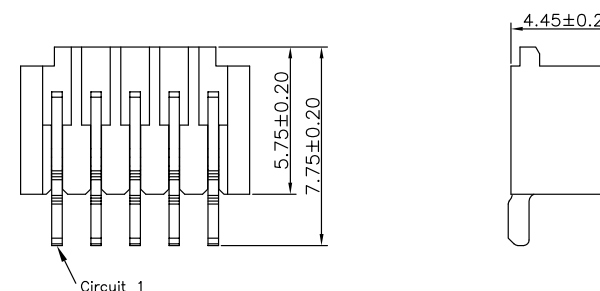
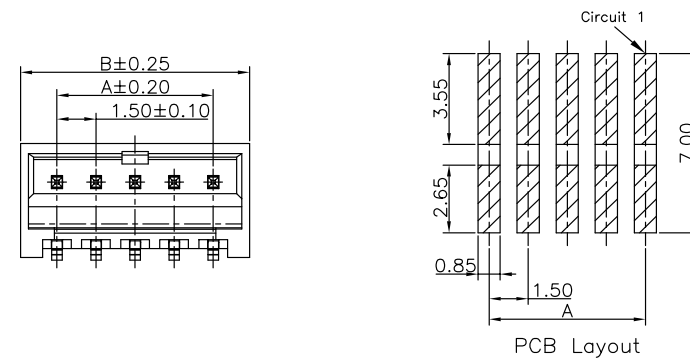
Suitable A1502 series Terminal
Mates With A1502 series Wafer

SERIES NO.: A15021 H M-1 XX X 1
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~15
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.10	3.30	09	12.00	14.60	13.80
03	3.00	5.60	4.80	10	13.50	16.10	15.30
04	4.50	7.10	6.30	11	15.00	17.60	16.80
05	6.00	8.60	7.80	12	16.50	19.10	18.30
06	7.50	10.10	9.30	13	18.00	20.60	19.80
07	9.00	11.60	10.80	14	19.50	22.10	21.30
08	10.50	13.10	12.30	15	21.00	23.60	22.80

A1502W9-1XX2XX0

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

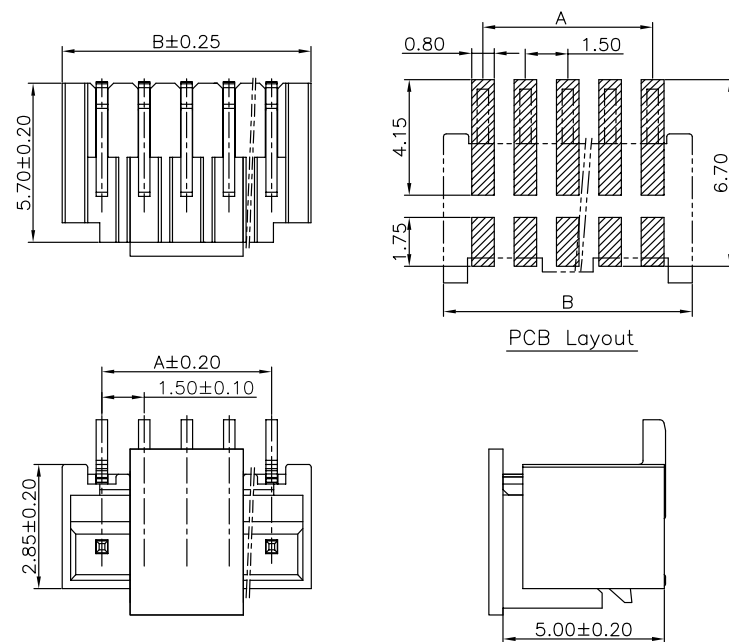
Mates with A1502 series housing

SERIES NO.: A1502 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.30	09	12.00	14.80
03	3.00	5.80	10	13.50	16.30
04	4.50	7.30	11	15.00	17.80
05	6.00	8.80	12	16.50	19.30
06	7.50	10.30	13	18.00	20.80
07	9.00	11.80	14	19.50	22.30
08	10.50	13.30	15	21.00	23.80

A1502W01-1XX2XX1

Pitch 1.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with A1502 series housing

SERIES NO: A1502 W 0 1-1 XX 2 X X 1
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

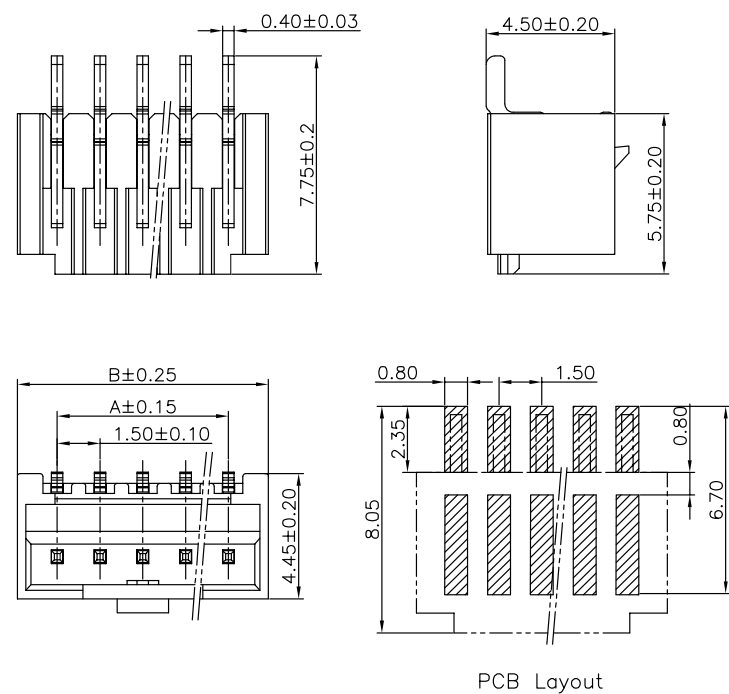
TERMIPOINT:
2-SMT

PIN Q'PY:
02~15

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.30	09	12.00	14.80
03	3.00	5.80	10	13.50	16.30
04	4.50	7.30	11	15.00	17.80
05	6.00	8.80	12	16.50	19.30
06	7.50	10.30	13	18.00	20.80
07	9.00	11.80	14	19.50	22.30
08	10.50	13.30	15	21.00	23.80

A1502W91-1XX2XX1

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with A1502 series housing

SERIES NO: A1502 W 9 1-1 XX 2 X X 1
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

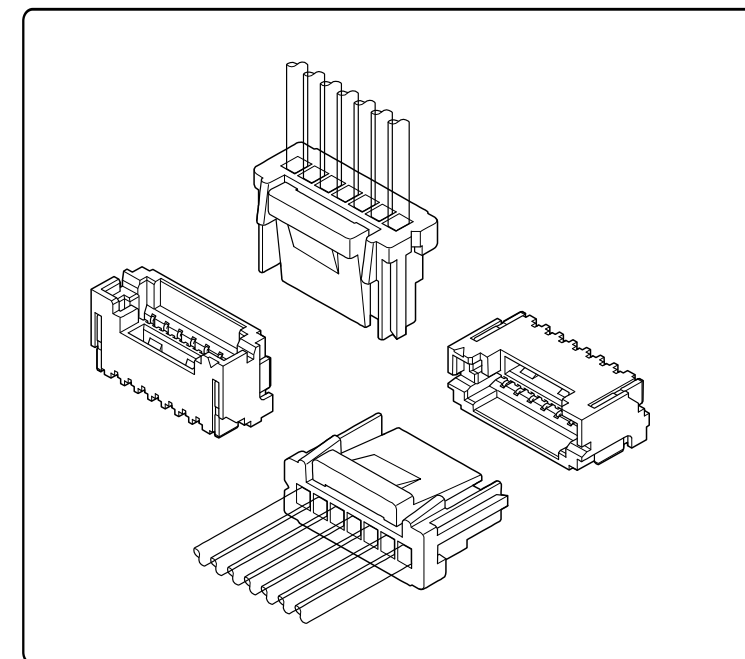
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
2-SMT

PIN Q'PY:
02~15

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.30	09	12.00	14.80
03	3.00	5.80	10	13.50	16.30
04	4.50	7.30	11	15.00	17.80
05	6.00	8.80	12	16.50	19.30
06	7.50	10.30	13	18.00	20.80
07	9.00	11.80	14	19.50	22.30
08	10.50	13.30	15	21.00	23.80

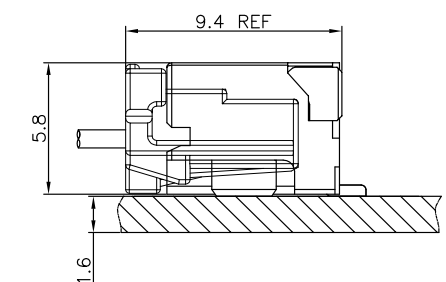
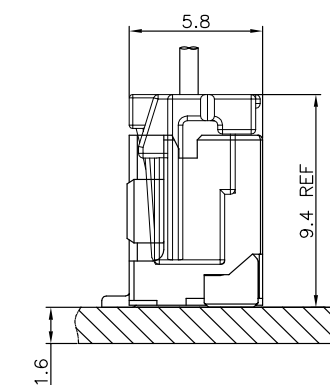


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 100V
Current rating: 2A
Contact resistance: 20mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 500V AC

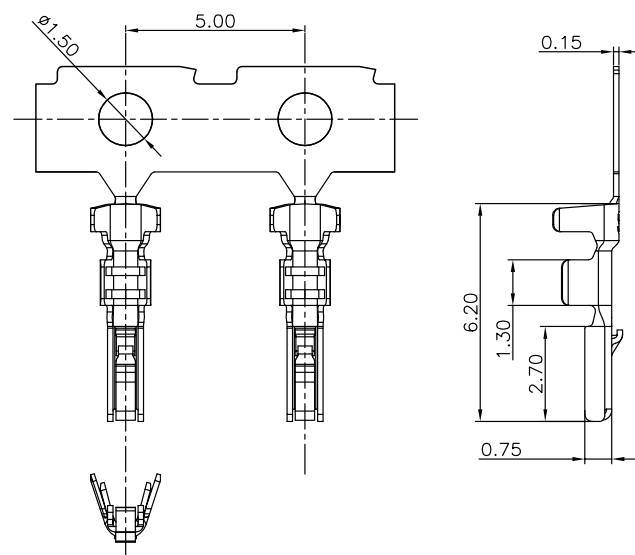
Assembly layout

wire to board



A1504TFX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

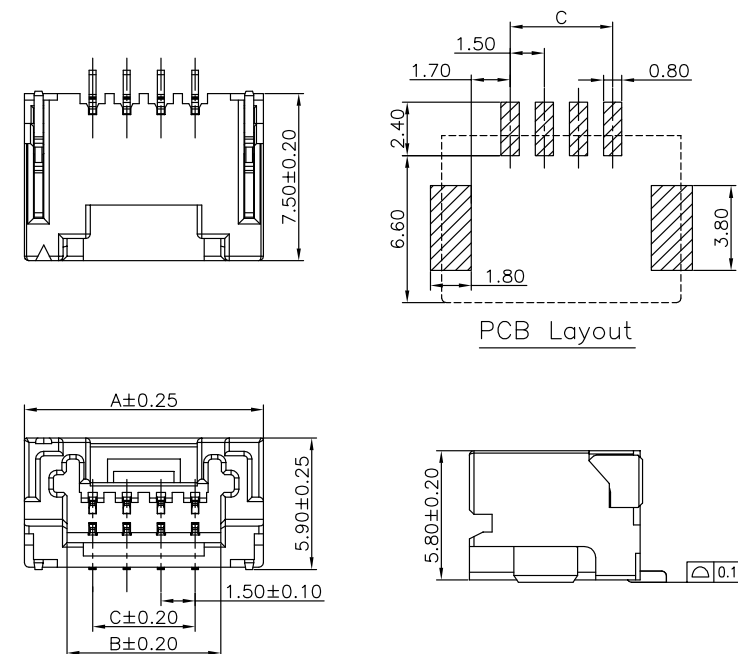
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A1504 series housing

SERIES NO: A1504 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1504W9-1XX2XX0

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

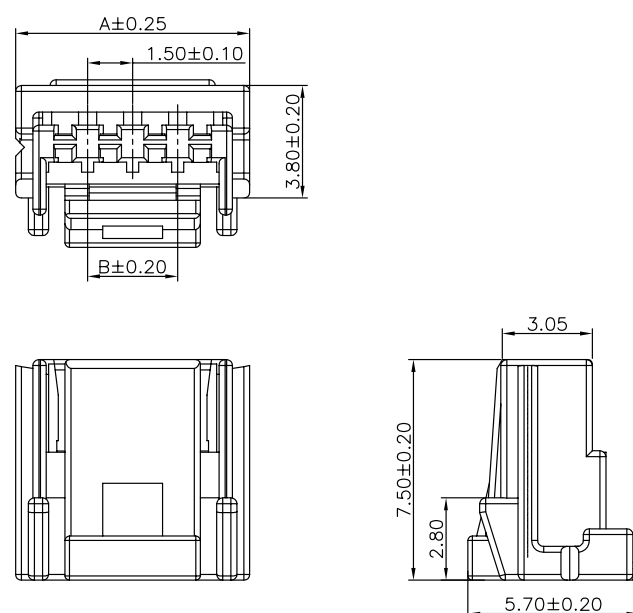
Mates with A1504 series housing

SERIES NO: A1504 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.50	3.75	---	10	19.50	15.75	13.50
03	9.00	5.25	3.00	11	21.00	17.25	15.00
04	10.50	6.75	4.50	12	22.50	18.75	16.50
05	12.00	8.25	6.00	13	24.00	20.25	18.00
06	13.50	9.75	7.50	14	25.50	21.75	19.50
07	15.00	11.25	9.00	15	27.00	23.25	21.00
08	16.50	12.75	10.50	16	28.50	24.75	22.50
09	18.00	14.25	12.00				

A1504HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

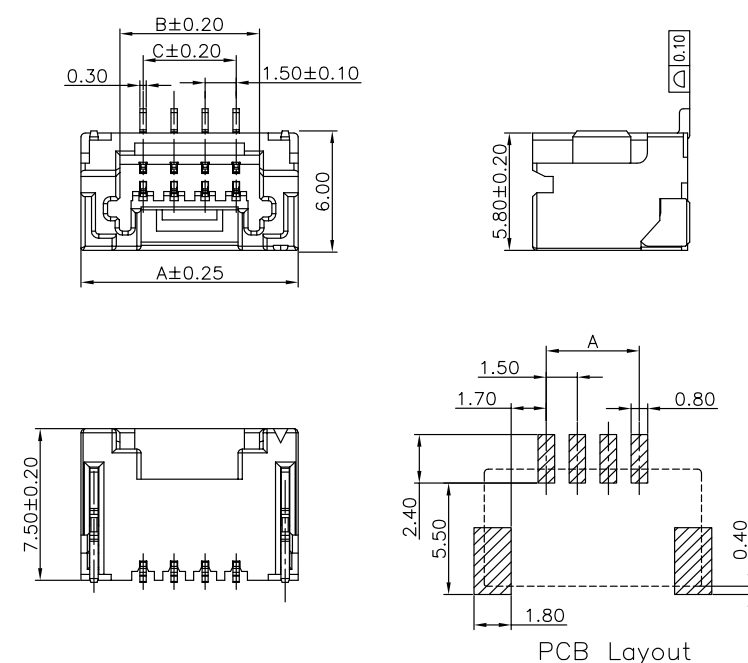
Suitable A1504 series Terminal
Mates With A1504 series Wafer

SERIES NO: A1504 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B			A	B	
02	5.00	---		10	16.80	13.50	
03	6.30	3.00		11	18.30	15.00	
04	7.80	4.50		12	19.80	16.50	
05	9.30	6.00		13	21.30	18.00	
06	10.80	7.50		14	22.80	19.50	
07	12.30	9.00		15	24.30	21.00	
08	13.80	10.50		16	25.80	22.50	
09	15.30	12.00					

A1504W0-1XX2XX0

Pitch 1.50mm 180° Single row SMT Wafer



Specifications

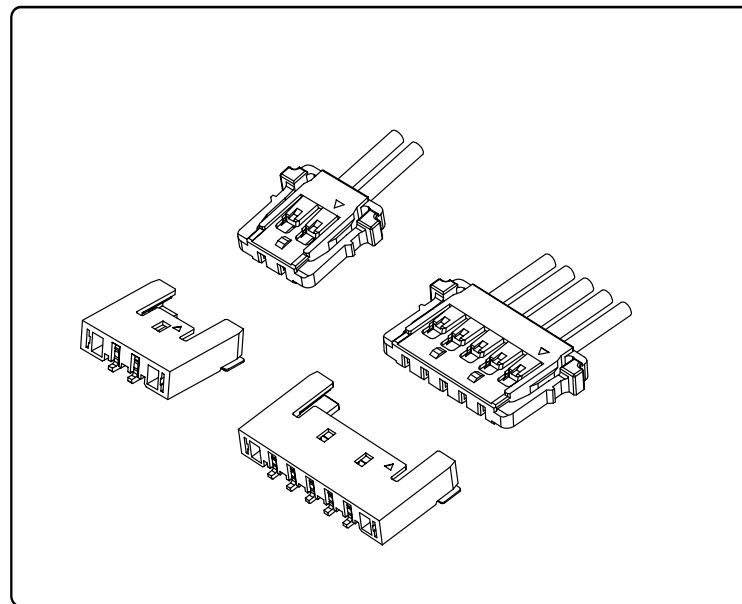
MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1504 series housing

SERIES NO: A1504 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.50	3.75	---	10	19.50	15.75	13.50
03	9.00	5.25	3.00	11	21.00	17.25	15.00
04	10.50	6.75	4.50	12	22.50	18.75	16.50
05	12.00	8.25	6.00	13	24.00	20.25	18.00
06	13.50	9.75	7.50	14	25.50	21.75	19.50
07	15.00	11.25	9.00	15	27.00	23.25	21.00
08	16.50	12.75	10.50	16	28.50	24.75	22.50
09	18.00	14.25	12.00				

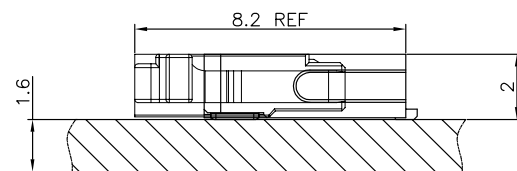


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 150V
 Current rating: 1A
 Contact resistance: $20\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 500V AC

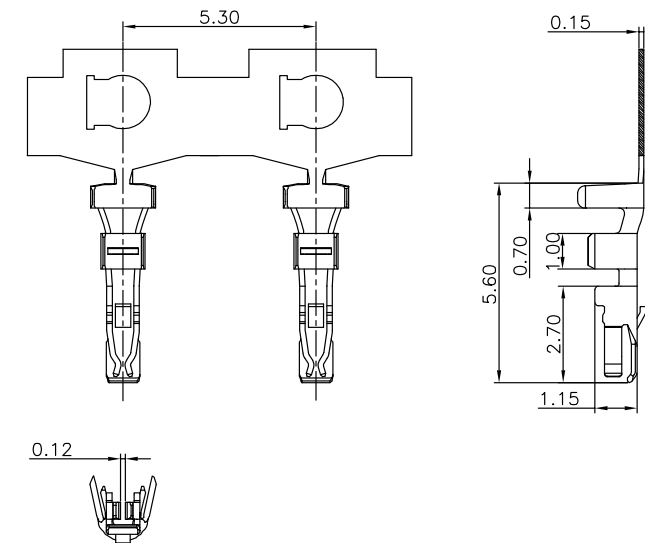
Assembly layout

wire to board



A1505TFX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze

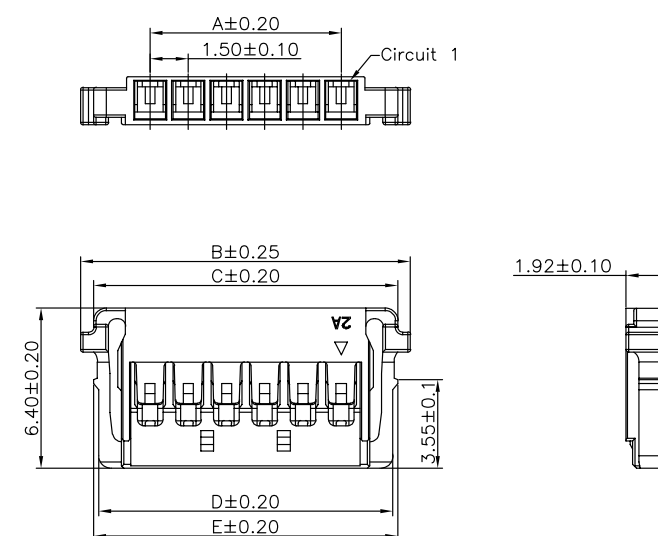
PLATING SPECIFICATION:
 Bright tin

APPLICABLE WIRES: AWG #24-#28
 SUITABLE A1505 series housing

SERIES NO: A1505 T F X-X
 CONNECTOR: T-TERMINAL
 MALE FEMALE: F-FEMALE M-MALE
 PLATING: 1-ALL AU G/F C-BRIGHT TIN
 METAL: P-PHOSPHOR BRONZE B-BRASS

A1505HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
 Housing: PA66,94V-0

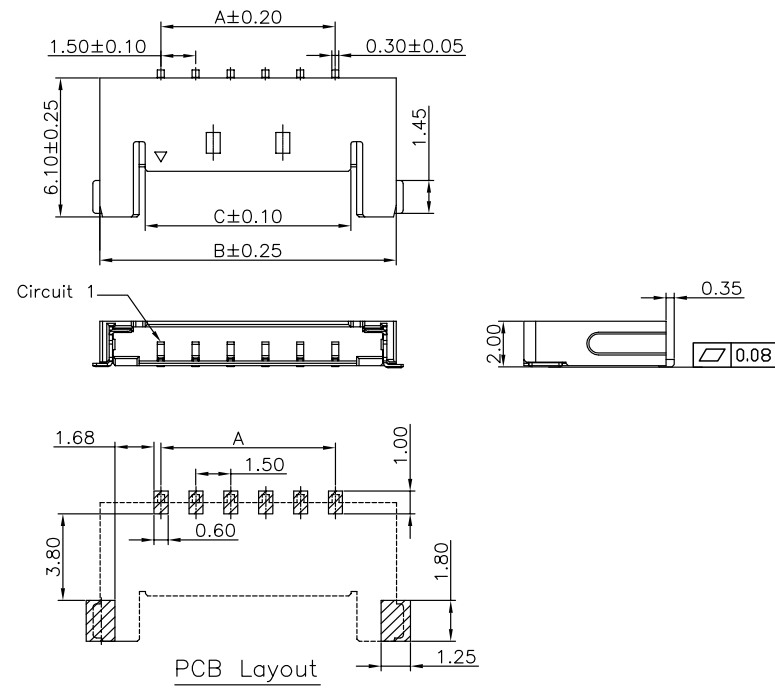
Suitable A1505 series Terminal

SERIES NO: A1505 H M-1 XX X 0
 CONNECTOR: H-HOUSING
 MALE FEMALE: M-MALE
 COLOR: A-BLACK S-NATURE
 PIN Q' PY: 02~12
 ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)				
	A	B	C	D	E
02	1.50	6.95	5.95	5.55	5.85
03	3.00	8.45	7.45	7.05	7.35
04	4.50	9.95	8.95	8.55	8.85
05	6.00	11.45	10.45	10.05	10.35
06	7.50	12.95	11.95	11.55	11.85
07	9.00	14.45	13.45	13.05	13.35
08	10.50	15.95	14.95	14.55	14.85
09	12.00	17.45	16.45	16.05	16.35
10	13.50	18.95	17.95	17.55	17.85
11	15.00	20.45	19.45	19.05	19.35
12	16.50	21.95	20.95	20.55	20.85

A1505W9-1XX2XX0

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA4T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: All Au G/F

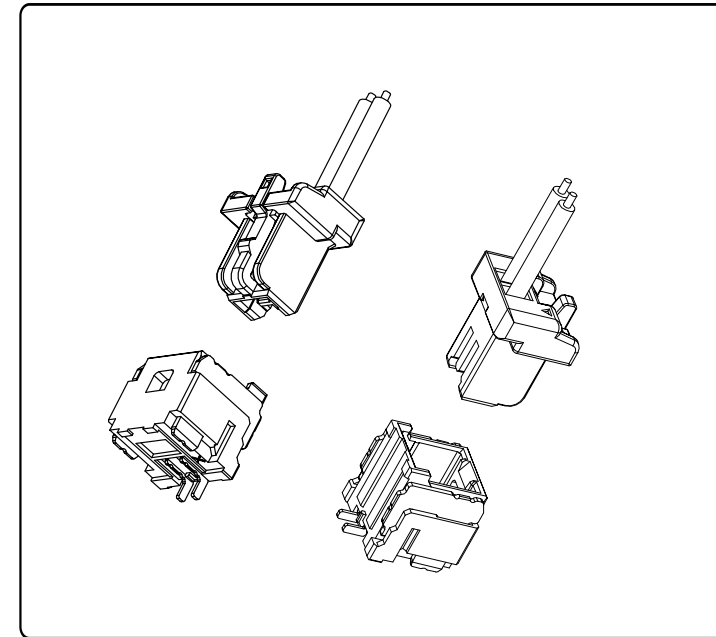
Mates with A1505 series housing

SERIES NO: A1505 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
W-AFERS
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	6.75	2.85	08	10.50	15.75	11.85
03	3.00	8.25	4.35	09	12.00	17.25	13.35
04	4.50	9.75	5.85	10	13.50	18.75	14.85
05	6.00	11.25	7.35	11	15.00	20.25	16.35
06	7.50	12.75	8.85	12	16.50	21.75	17.85
07	9.00	14.25	10.35				

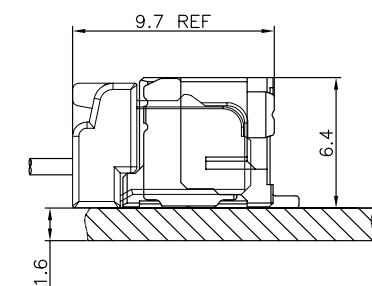
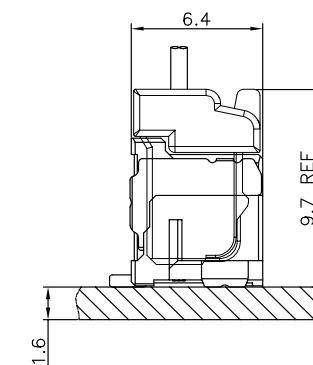
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 100V
Current rating: 2A
Contact resistance: 20mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 500V AC



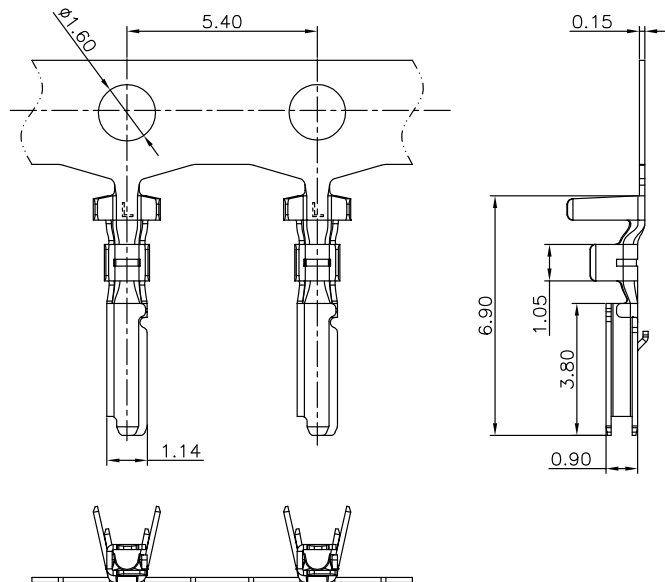
Assembly layout

wire to board



A1515TFX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

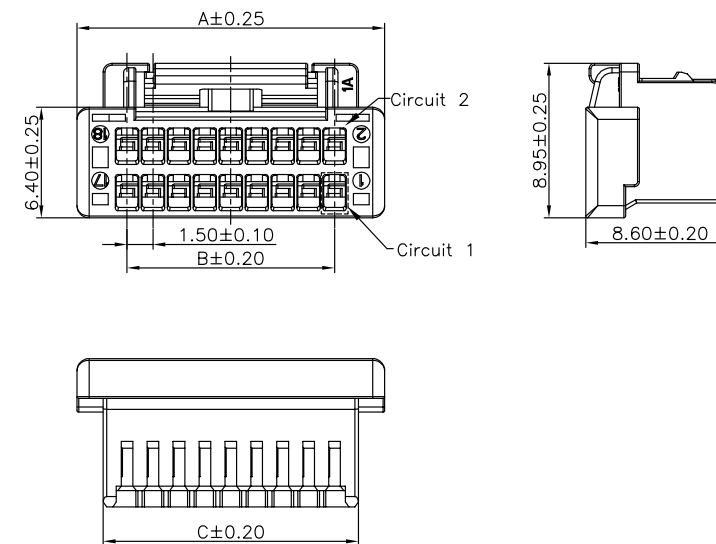
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A1515 series housing

SERIES NO: A1515 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1515HM-2XXX0

Pitch 1.50mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

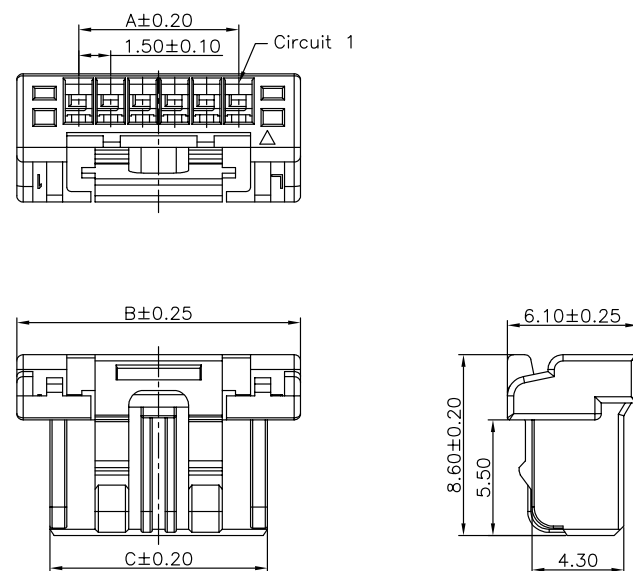
Suitable A1515 series Terminal
Mates With A1515 series Wafer

SERIES NO: A1515 H M-2 XX X 0
COLOR: A-BLACK S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q'PY: 08~26
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)		
	A	B	C
2*04	10.30	4.50	7.25
2*05	11.80	6.00	8.75
2*06	13.30	7.50	10.25
2*07	14.80	9.00	11.75
2*08	16.30	10.50	13.25
2*09	17.80	12.00	14.75
2*10	19.30	13.50	16.25
2*11	20.80	15.00	17.75
2*12	22.30	16.50	19.25
2*13	23.80	18.00	20.75

A1515HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

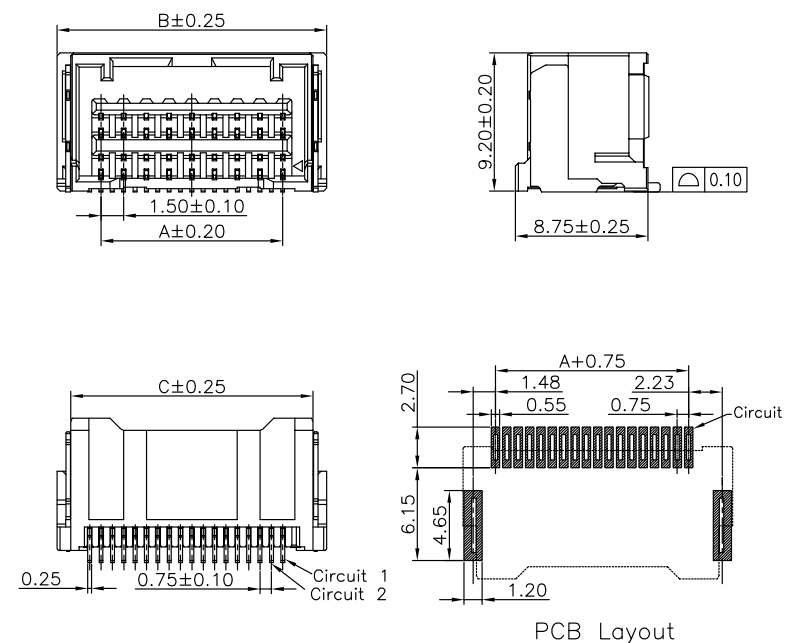
Suitable A1515 series Terminal
Mates With A1515 series Wafer

SERIES NO: A1515 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~15
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	7.30	4.20	09	12.00	17.80	14.70
03	3.00	8.80	5.70	10	13.50	19.30	16.20
04	4.50	10.30	7.20	11	15.00	20.80	17.70
05	6.00	11.80	8.70	12	16.50	22.30	19.20
06	7.50	13.30	10.20	13	18.00	23.80	20.70
07	9.00	14.80	11.70	14	19.50	25.30	22.20
08	10.50	16.30	13.20	15	21.00	26.80	23.70

A1515W9-2XX2XX0

Pitch 1.50mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte tin

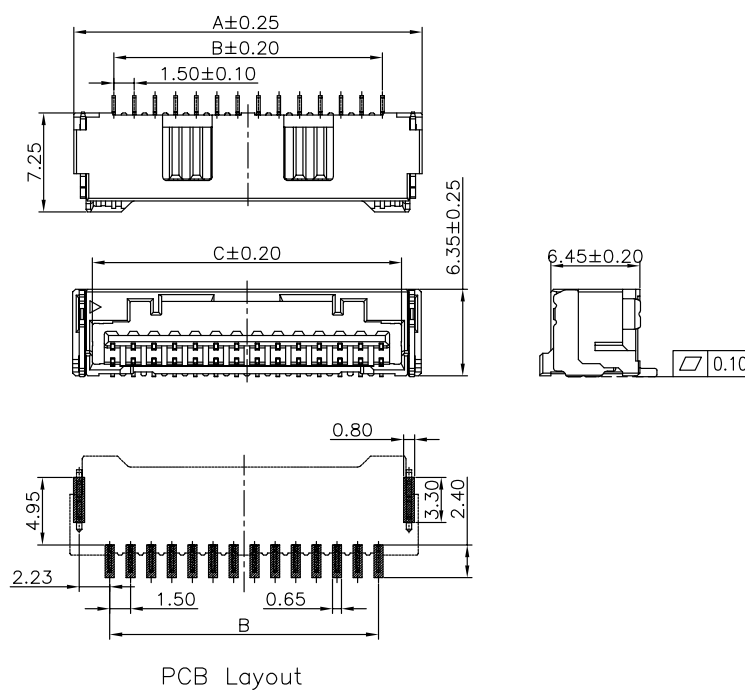
Mates with A1515 series housing

SERIES NO: A1515 W 9-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90° 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~26
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*04	4.50	10.30	8.50	2*09	12.00	17.80	16.00
2*05	6.00	11.80	10.00	2*10	13.50	19.30	17.50
2*06	7.50	13.30	11.50	2*11	15.00	20.80	19.00
2*07	9.00	14.80	13.00	2*12	16.50	22.30	20.50
2*08	10.50	16.30	14.50	2*13	18.00	23.80	22.00

A1515W9-1XX2XX0

Pitch 1.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte tin

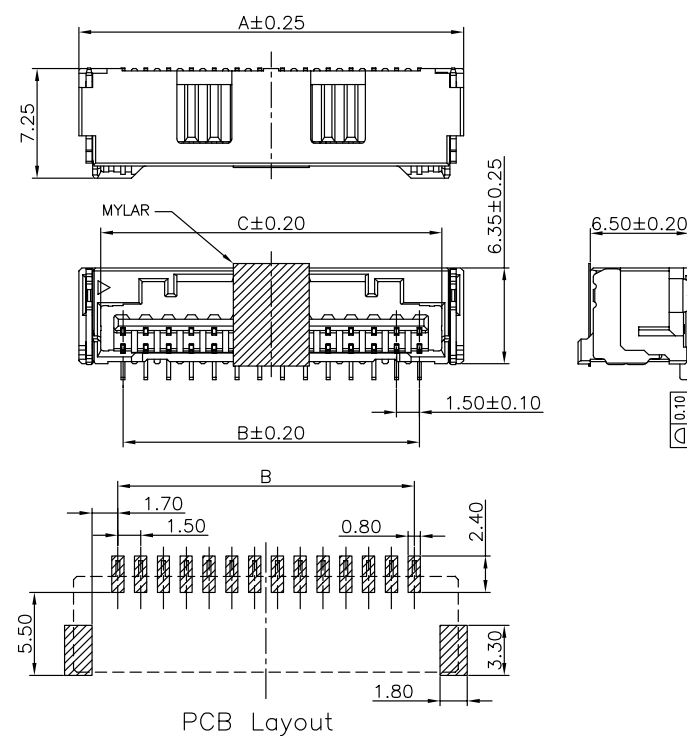
Mates with A1515 series housing

SERIES NO: A1515 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions			Circuit	Dimensions		
	A	B	C		A	B	C
02	7.30	---	4.45	09	17.80	12.00	14.95
03	8.80	3.00	5.95	10	19.30	13.50	16.45
04	10.30	4.50	7.45	11	20.80	15.00	17.95
05	11.80	6.00	8.95	12	22.30	16.50	19.45
06	13.30	7.50	10.45	13	23.80	18.00	20.95
07	14.80	9.00	11.95	14	25.30	19.50	22.45
08	16.30	10.50	13.45	15	26.80	21.00	23.95

A1515W0-1XX2XX0

Pitch 1.50mm 180° Single row SMT Wafer



Specifications

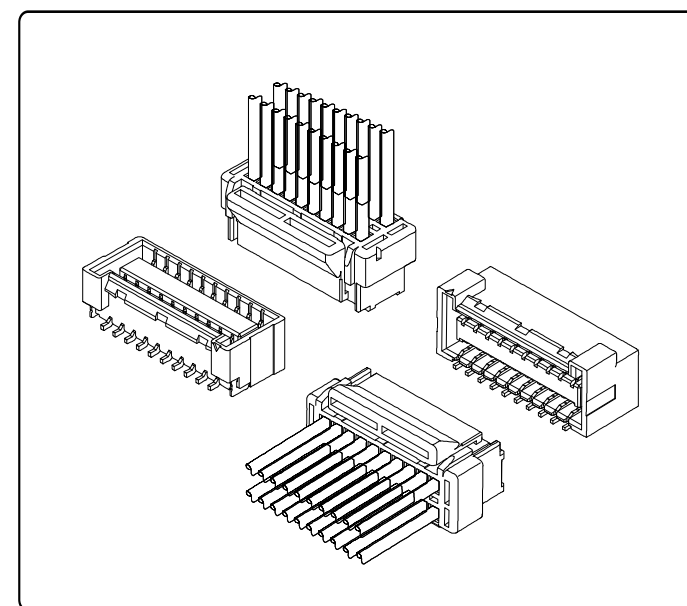
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with A1515 series housing

SERIES NO: A1515 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.30	---	4.45	09	17.80	12.00	14.95
03	8.80	3.00	5.95	10	19.30	13.50	16.45
04	10.30	4.50	7.45	11	20.80	15.00	17.95
05	11.80	6.00	8.95	12	22.30	16.50	19.45
06	13.30	7.50	10.45	13	23.80	18.00	20.95
07	14.80	9.00	11.95	14	25.30	19.50	22.45
08	16.30	10.50	13.45	15	26.80	21.00	23.95

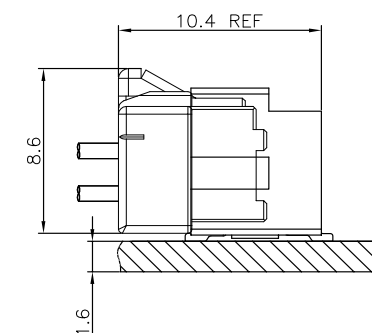
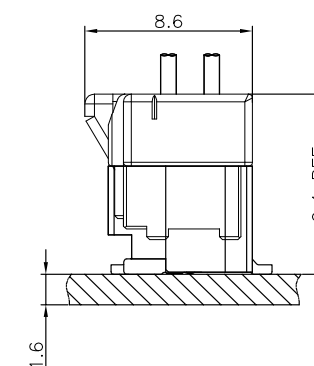


Specifications

Temperature range: -25°C~+85°C
Voltage rating:100V
Current rating:2A
Contact resistance: 30mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage:500V AC

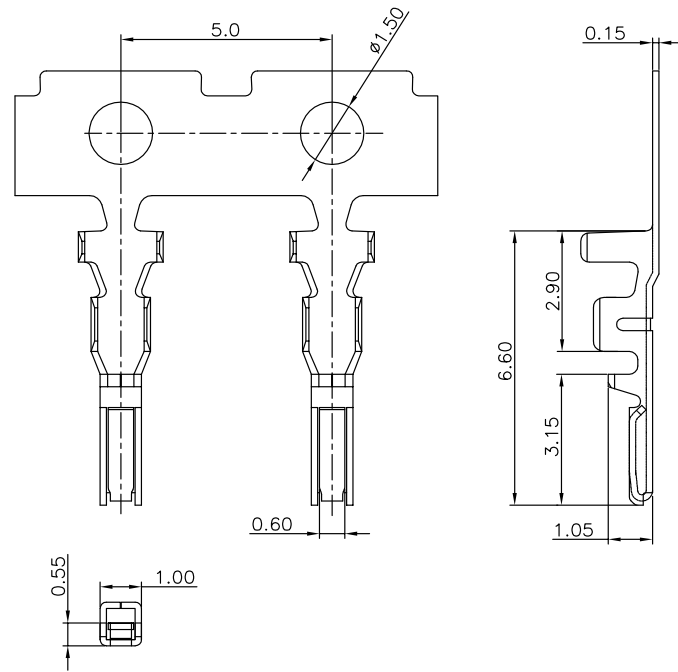
Assembly layout

wire to board



A1521TFX-X

Pitch 1.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

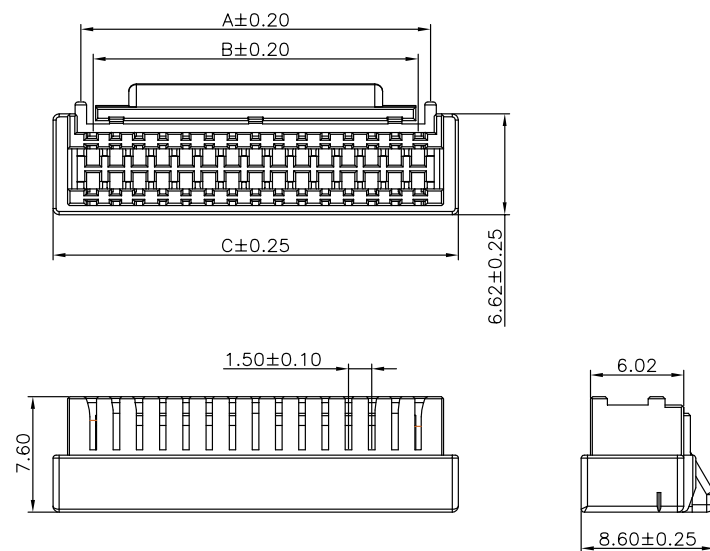
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A1521 series housing

SERIES NO: A1521 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-BRIGHT TIN C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A1521HM-2XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

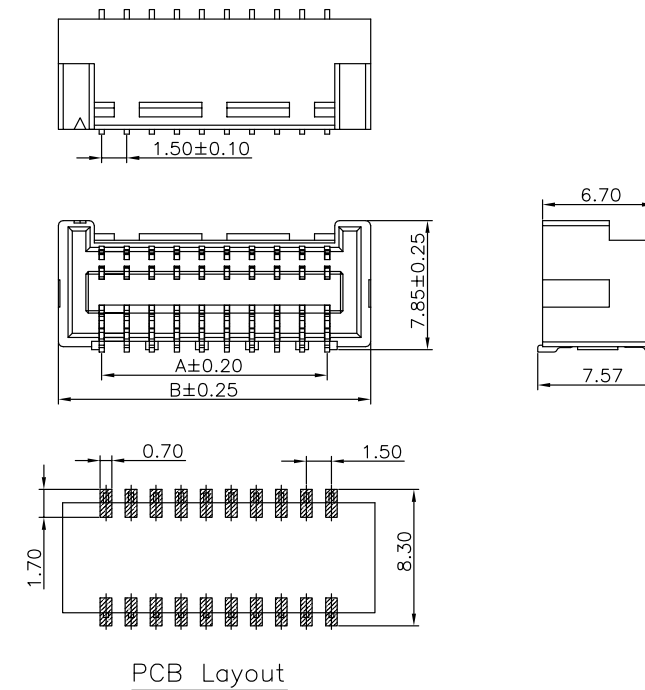
Suitable A1521 series Terminal
Mates With A1521 series Wafer

SERIES NO: A1521 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK K-WHITE
PIN Q' PY: 10~30
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*05	7.50	6.00	11.20	2*10	15.00	13.50	18.70
2*06	9.00	7.50	12.70	2*12	18.00	16.50	21.70
2*07	10.50	9.00	14.20	2*13	19.50	18.00	23.20
2*08	12.00	10.50	15.70	2*14	21.00	19.50	24.70
2*09	13.50	12.00	17.20	2*15	22.50	21.00	26.20

A1521W9-2XX2XX0

Pitch 1.50mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

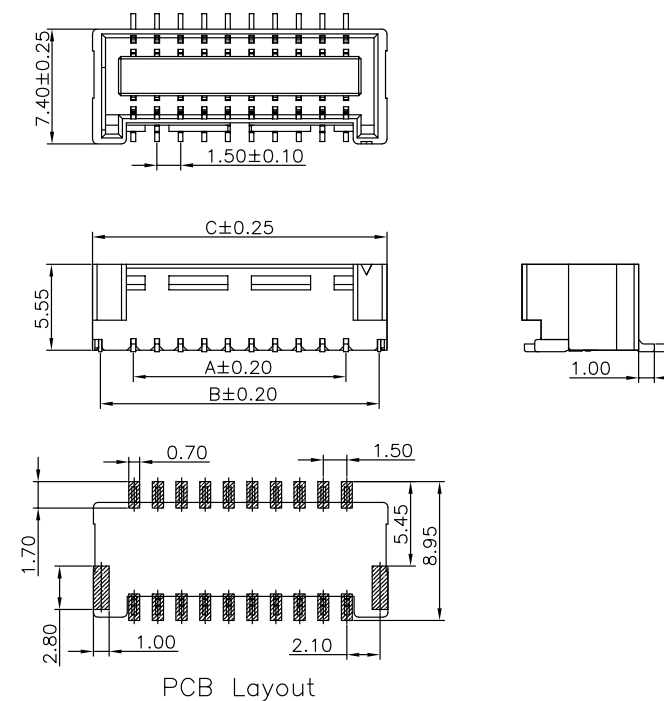
Mates with A1521 series housing

SERIES NO: A1521 W 9-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 10~40
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*05	6.00	11.20	2*13	18.00	23.20
2*06	7.50	12.70	2*14	19.50	24.70
2*07	9.00	14.20	2*15	21.00	26.20
2*08	10.50	15.70	2*16	22.50	27.70
2*09	12.00	17.20	2*17	24.00	29.20
2*10	13.50	18.70	2*18	25.50	30.70
2*11	15.00	20.20	2*19	27.00	32.20
2*12	16.50	21.70	2*20	28.50	33.70

A1521W0-2XX2XX0

Pitch 1.50mm 180° Double row SMT Wafer



Specifications

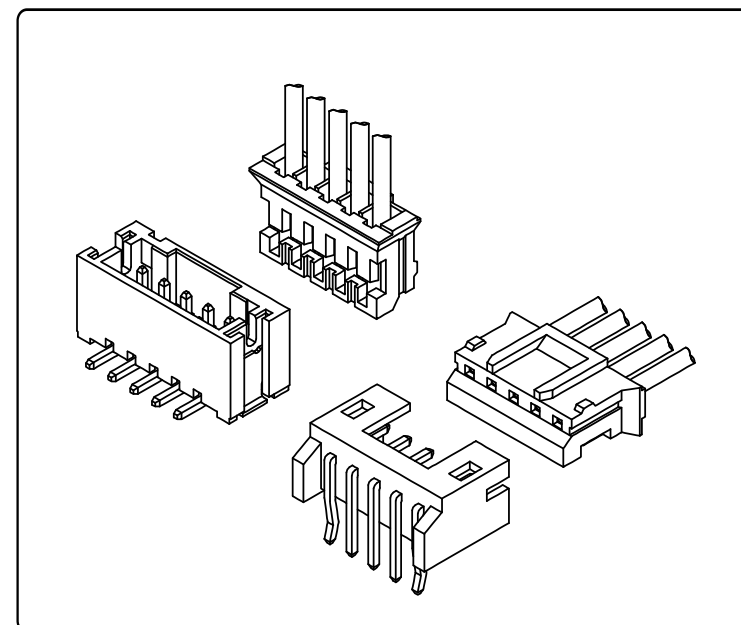
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A1521 series housing

SERIES NO: A1521 W 0-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 10~40
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
2*05	6.00	10.20	11.20	2*13	18.00	22.20	23.20
2*06	7.50	11.70	12.70	2*14	19.50	23.70	24.70
2*07	9.00	13.20	14.20	2*15	21.00	25.20	26.20
2*08	10.50	14.70	15.70	2*16	22.50	26.70	27.70
2*09	12.00	16.20	17.20	2*17	24.00	28.20	29.20
2*10	13.50	17.70	18.70	2*18	25.50	29.70	30.70
2*11	15.00	19.20	20.20	2*19	27.00	31.20	32.20
2*12	16.50	20.70	21.70	2*20	28.50	32.70	33.70

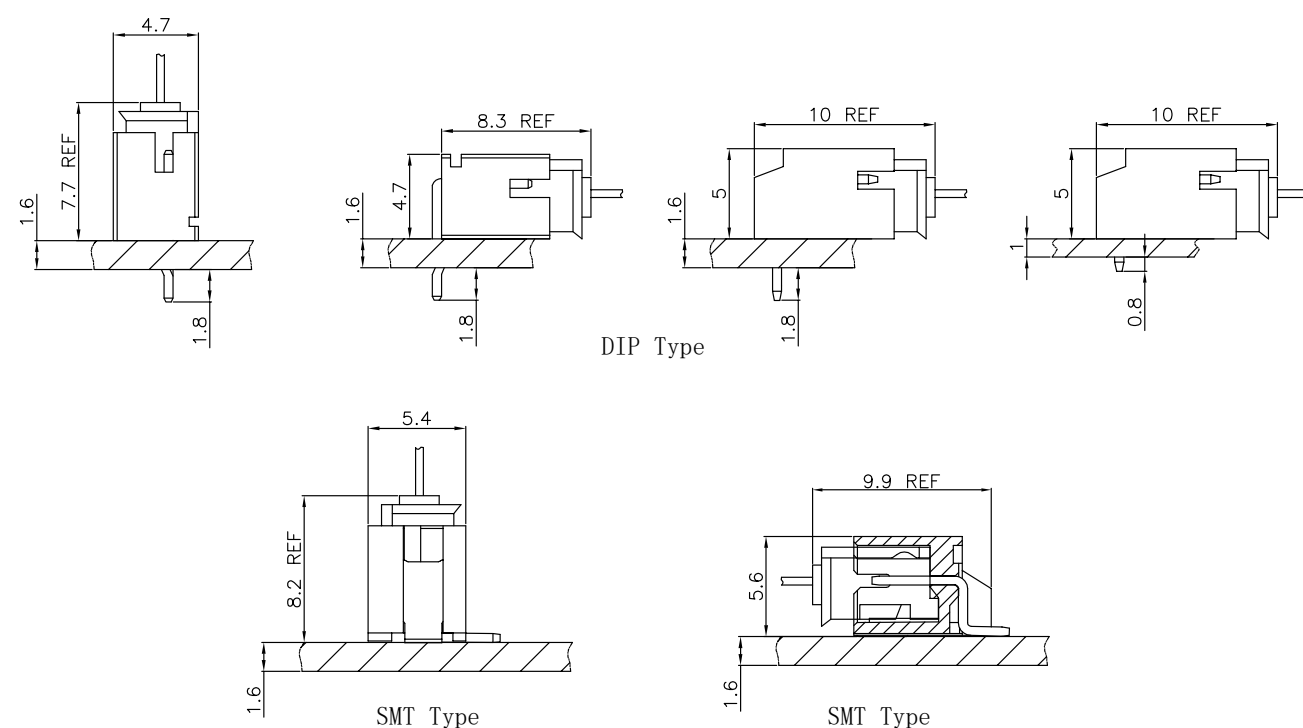


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 2A
Contact resistance: 30mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

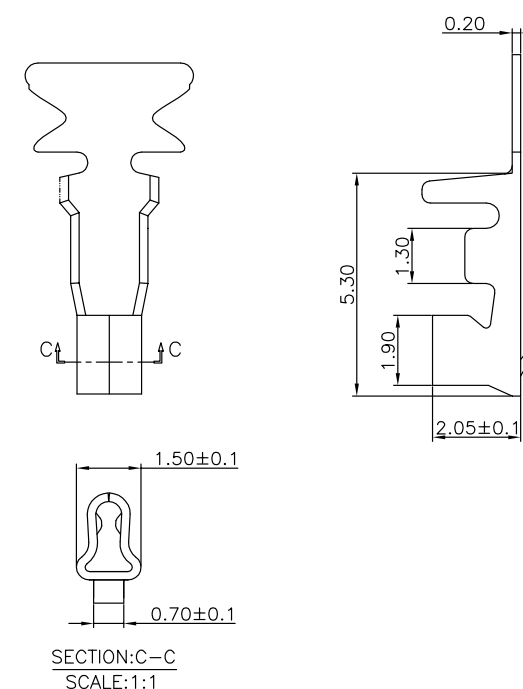
Assembly layout

wire to board



A2001T1FX-X

Pitch 2.00mm Terminal



Specifications

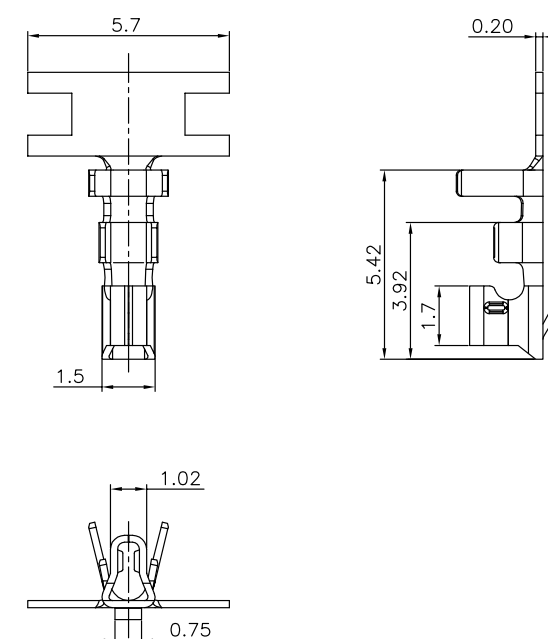
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #24 - #30
SUITABLE A2001 series housing

A2001 T 1 F X-X
SERIES NO: A-ALL AU G/F
CONNECTOR: C-BRIGHT TIN
TYPE CODE: D-MATTE TIN
MALE FEMALE: P-PHOSPHOR BRONZE
F-FEMALE: B-BRASS

A2001TFX-X

Pitch 2.00mm Terminal



Specifications

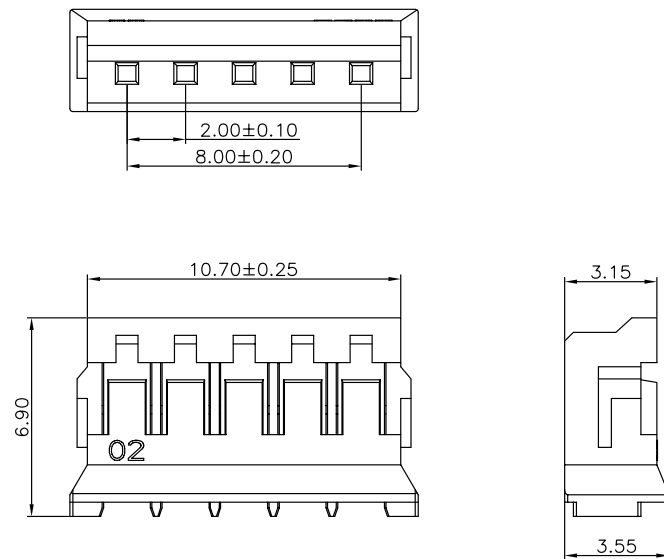
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22 - #28
Mates A2001 series housing

A2001 T F X-X
SERIES NO: A-ALL AU G/F
CONNECTOR: C-BRIGHT TIN
TYPE CODE: D-MATTE TIN
MALE FEMALE: P-PHOSPHOR BRONZE
F-FEMALE: B-BRASS
M-MALE: F-FE

A2001H1M-105X1

Pitch 2.00mm Single row Housing



Specifications

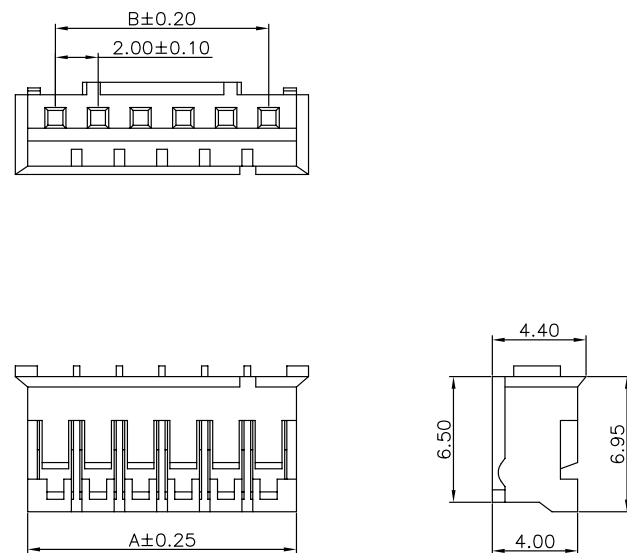
MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2001 series Terminal
Mates With A2001 series Wafer

SERIES NO: A2001 H 1 M-1 05 X 1
CONNECTOR: H-HOUSING
TYPE CODE: M-1 05 X 1
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 05PIN
ROW NO: 1-SINGLE ROW

A2001HM-1XXXX

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

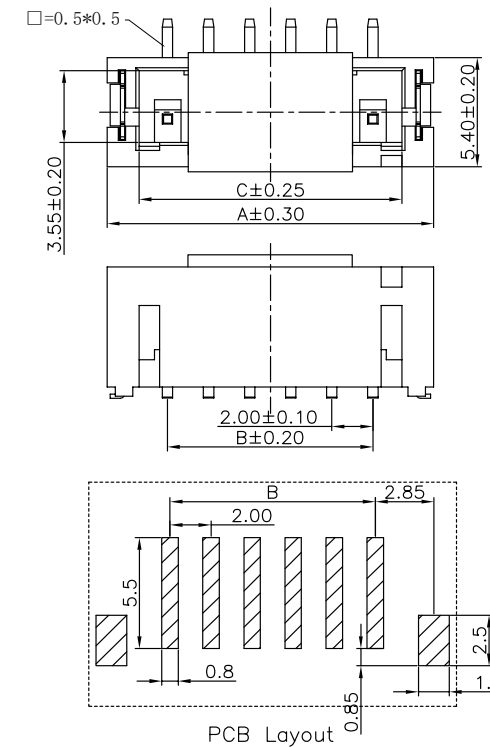
Suitable A2001 series Terminal
Mates With A2001 series Wafer

SERIES NO: A2001 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
F-FEMALE
ROW NO: 1-SINGLE ROW
1-ROHS 2.0
2-ROHS 2.0+HF
COLOR: A-BLACK
K-WHITE
S-NATURE
PIN Q'PY: 02~16

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	4.60	---	10	20.60	18.00
03	6.60	4.00	11	22.60	20.00
04	8.60	6.00	12	24.60	22.00
05	10.60	8.00	13	26.60	24.00
06	12.60	10.00	14	28.60	26.00
07	14.60	12.00	15	30.60	28.00
08	16.60	14.00	16	32.60	30.00
09	18.60	16.00			

A2001W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: High temperature plastic
Contacts: Brass
Soldering Lug: Brass

PLATING SPECIFICATION:
Contacts: Bright tin
Soldering Lug: Bright tin

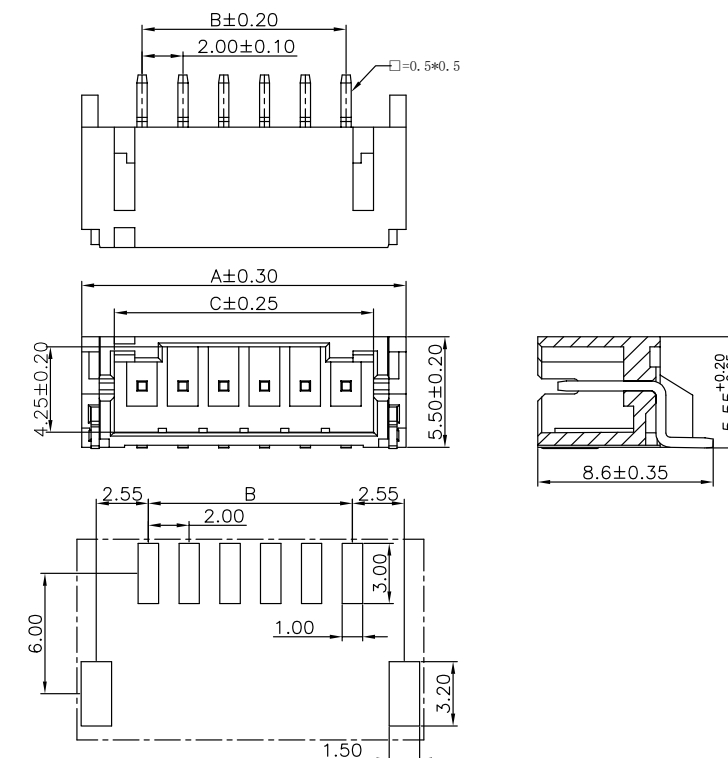
Mates with A2001 series housing

SERIES NO: A2001 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
WATER CODE: 1-PA9T
2-LCP
COLOR: A-BLACK
K-WHITE
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.90	---	4.80	10	23.90	18.00	20.80
03	9.90	4.00	6.80	11	25.90	20.00	22.80
04	11.90	6.00	8.80	12	27.90	22.00	24.80
05	13.90	8.00	10.80	13	29.90	24.00	26.80
06	15.90	10.00	12.80	14	31.90	26.00	28.80
07	17.90	12.00	14.80	15	33.90	28.00	30.80
08	19.90	14.00	16.80	16	35.90	30.00	32.80
09	21.90	16.00	18.80				

A2001W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: High temperature plastic
Contacts: Brass
Soldering Lug: Brass

PLATING SPECIFICATION:
Contacts: Bright tin
Soldering Lug: Bright tin

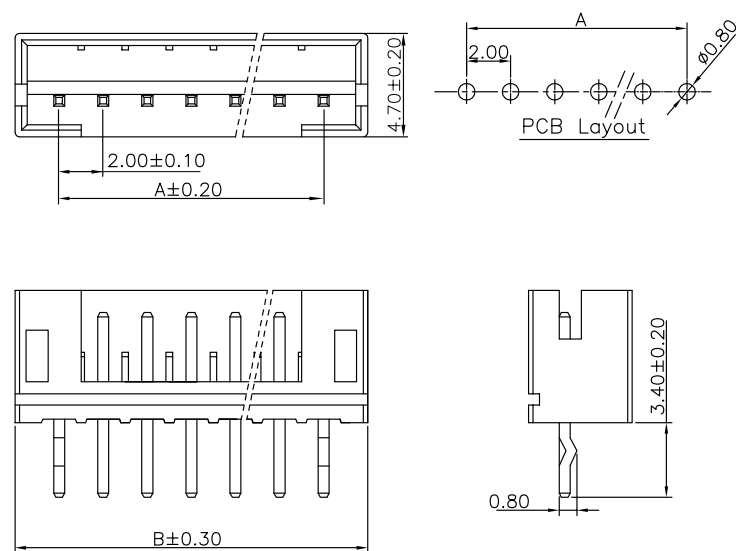
Mates with A2001 series housing

SERIES NO: A2001 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
TERMIPOINT: 2-SMT
WATER CODE: 1-PA9T
2-LCP
COLOR: A-BLACK
K-WHITE
M-BEIGE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.90	---	4.80	10	23.90	18.00	20.80
03	9.90	4.00	6.80	11	25.90	20.00	22.80
04	11.90	6.00	8.80	12	27.90	22.00	24.80
05	13.90	8.00	10.80	13	29.90	24.00	26.80
06	15.90	10.00	12.80	14	31.90	26.00	28.80
07	17.90	12.00	14.80	15	33.90	28.00	30.80
08	19.90	14.00	16.80	16	35.90	30.00	32.80
09	21.90	16.00	18.80				

A2001W0-1XX1XXX

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

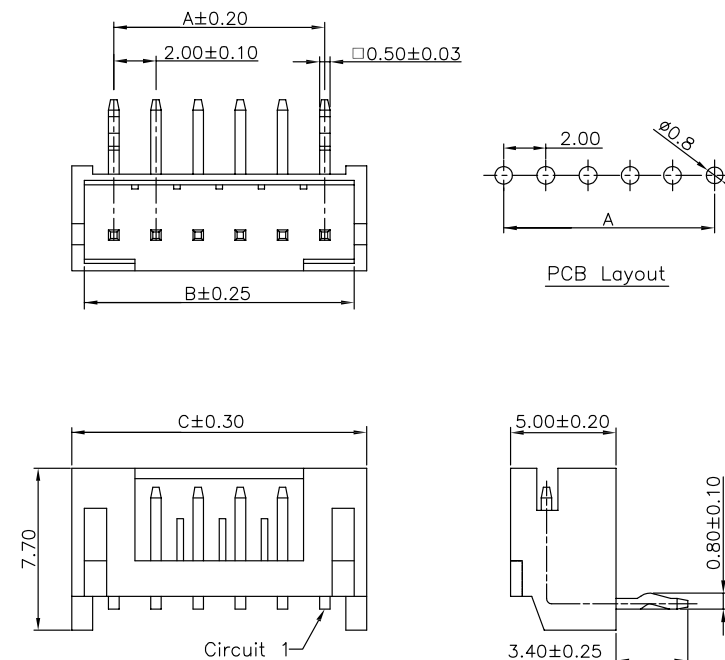
Mates with A2001 series housing

SERIES NO: A2001 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
TYPE: 1-TYPE A
2-TYPE K
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
PIN Q'PY: 02~16
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

A2001W91-1XX1XXX

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

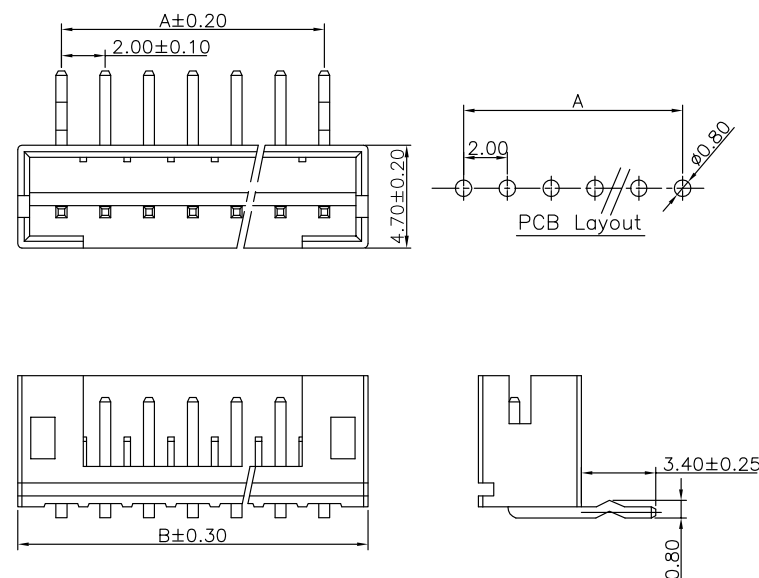
Mates with A2001 series housing

SERIES NO: A2001 W 9 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
TYPE: 1-TYPE A
2-TYPE K
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
PIN Q'PY: 02~16
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.10	6.10	10	18.00	21.10	22.10
03	4.00	7.10	8.10	11	20.00	23.10	24.10
04	6.00	9.10	10.10	12	22.00	25.10	26.10
05	8.00	11.10	12.10	13	24.00	27.10	28.10
06	10.00	13.10	14.10	14	26.00	29.10	30.10
07	12.00	15.10	16.10	15	28.00	31.10	32.10
08	14.00	17.10	18.10	16	30.00	33.10	34.10
09	16.00	19.10	20.10				

A2001W9-1XX1XXX

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

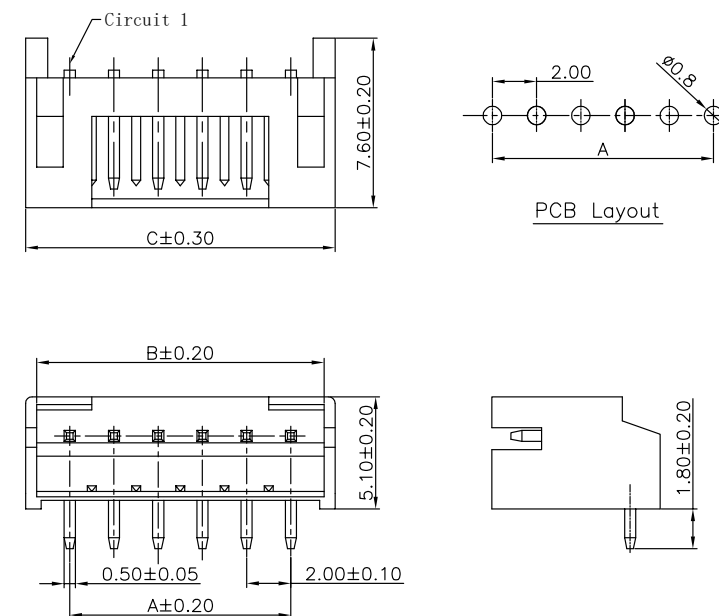
Mates with A2001 series housing

SERIES NO: A2001 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
TYPE: 1-TYPE A
2-TYPE K
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
PIN Q'PY: 02~16
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

A2001W92-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

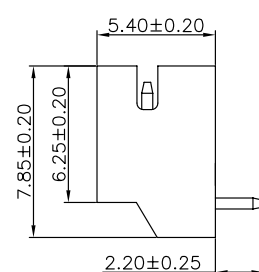
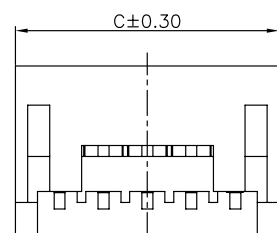
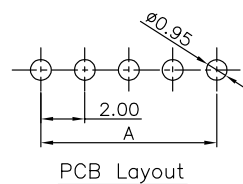
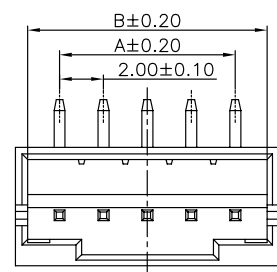
Mates with A2001 series housing

SERIES NO: A2001 W 9 2-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
PIN Q'PY: 02~16
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.00	6.00	10	18.00	21.00	22.00
03	4.00	7.00	8.00	11	20.00	23.00	24.00
04	6.00	9.00	10.00	12	22.00	25.00	26.00
05	8.00	11.00	12.00	13	24.00	27.00	28.00
06	10.00	13.00	14.00	14	26.00	29.00	30.00
07	12.00	15.00	16.00	15	28.00	31.00	32.00
08	14.00	17.00	18.00	16	30.00	33.00	34.00
09	16.00	19.00	20.00				

A2001W93-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with A2001 series housing

SERIES NO: A2001 W 9 3-1 XX 1 X X 0

CONNECTOR:

W-WAFER

ANGLE:

9-90°

TYPE:

3-TYPE 3

ROW NO:

1-SINGLE ROW

PIN Q'PY:

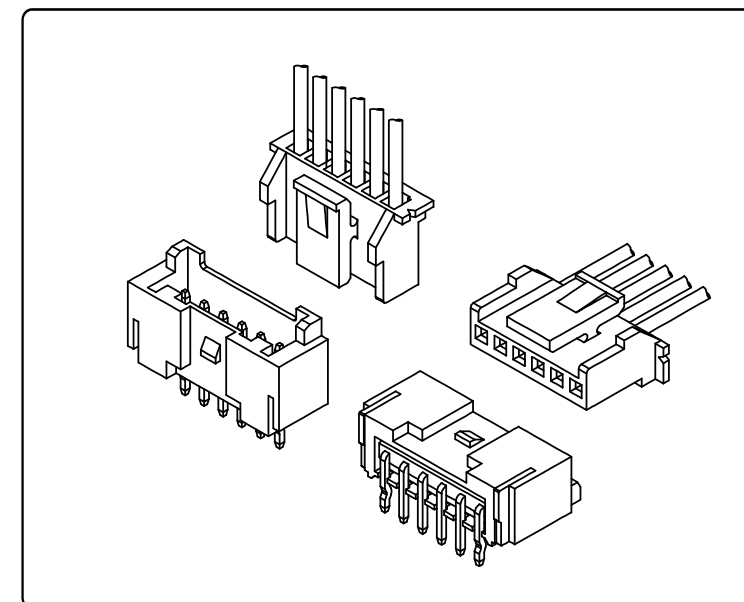
02~16

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.90	6.00	10	18.00	20.90	22.00
03	4.00	6.90	8.00	11	20.00	22.90	24.00
04	6.00	8.90	10.00	12	22.00	24.90	26.00
05	8.00	10.90	12.00	13	24.00	26.90	28.00
06	10.00	12.90	14.00	14	26.00	28.90	30.00
07	12.00	14.90	16.00	15	28.00	30.90	32.00
08	14.00	16.90	18.00	16	30.00	32.90	34.00
09	16.00	18.90	20.00				



Specifications

Temperature range: -25°C~+85°C

Voltage rating: 250V

Current rating: 3A

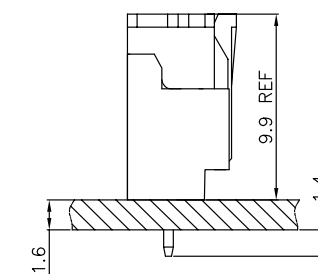
Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

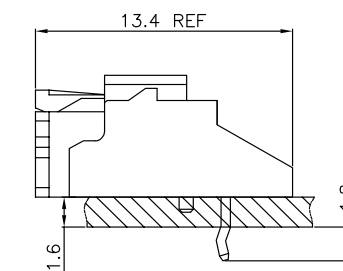
Withstand voltage: 800V AC

Assembly layout

wire to board



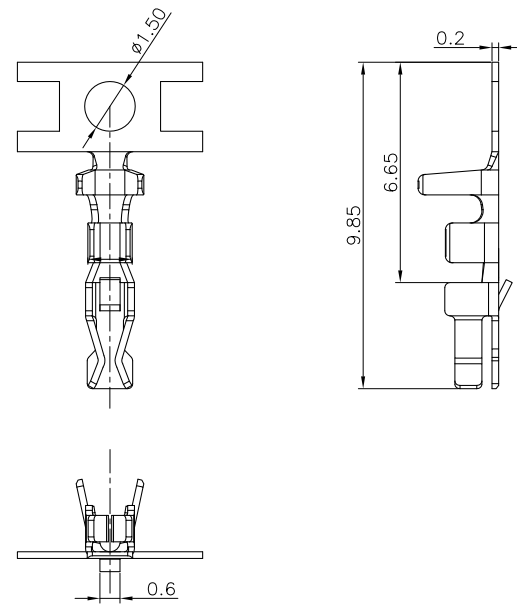
DIP Type



SMT Type

A2002TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

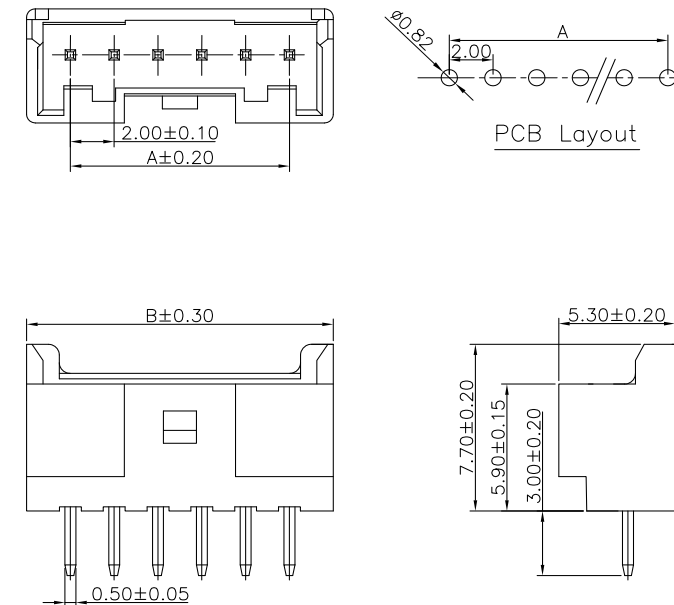
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2002 series housing

SERIES NO: A2002 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2002W0-1XX1XX0

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

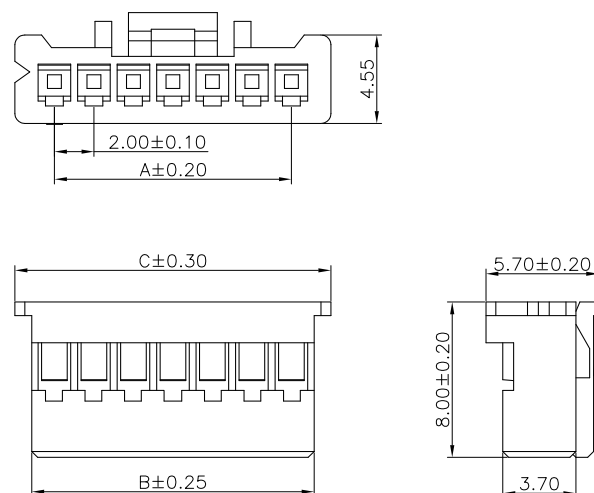
Mates with A2002 series housing

SERIES NO: A2002 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK K-WHITE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13		
06	10.00	14.00	14		
07	12.00	16.00	15		
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

A2002HM-1XXXX

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PA46,94V-0

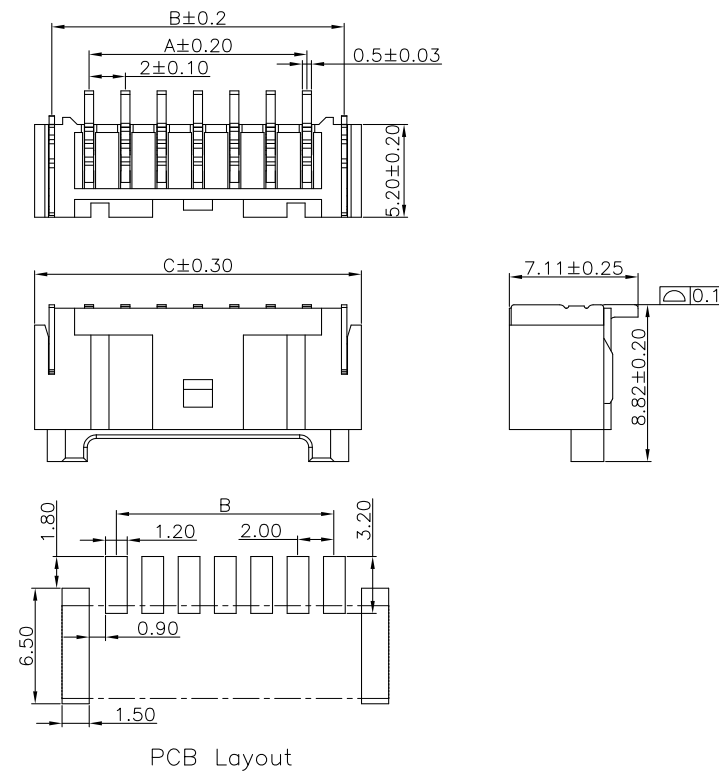
Suitable A2002 series Terminal
Mates With A2002 series Wafer

SERIES NO: A2002 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
HOUSING: 1-PA46 2-PA66
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.30	6.00	10	18.00	20.30	22.00
03	4.00	6.30	8.00	11	20.00	22.30	24.00
04	6.00	8.30	10.00	12	22.00	24.30	26.00
05	8.00	10.30	12.00	13	24.00	26.30	28.00
06	10.00	12.30	14.00	14	26.00	28.30	30.00
07	12.00	14.30	16.00	15	28.00	30.30	32.00
08	14.00	16.30	18.00	16	30.00	32.30	34.00
09	16.00	18.30	20.00				

A2002W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

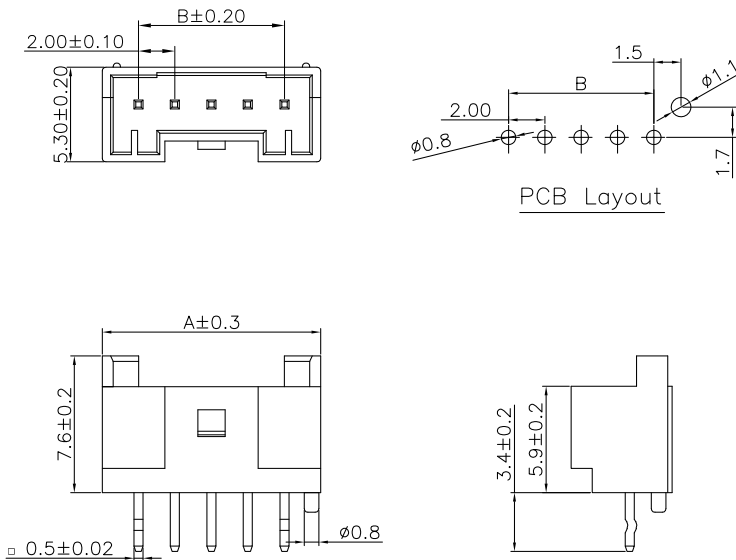
Mates with A2002 series housing

SERIES NO: A2002 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
HOUSING: 1-PA9T RoHS 2-LCP RoHS+HF
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	6.14	8.04	10	18.00	22.14	24.04
03	4.00	8.14	10.04	11	20.00	24.14	26.04
04	6.00	10.14	12.04	12	22.00	26.14	28.04
05	8.00	12.14	14.04	13	24.00	28.14	30.04
06	10.00	14.14	16.04	14	26.00	30.14	32.04
07	12.00	16.14	18.04	15	28.00	32.14	34.04
08	14.00	18.14	20.04	16	30.00	34.14	36.04
09	16.00	20.14	22.04				

A2002W01-1XX1XX0

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

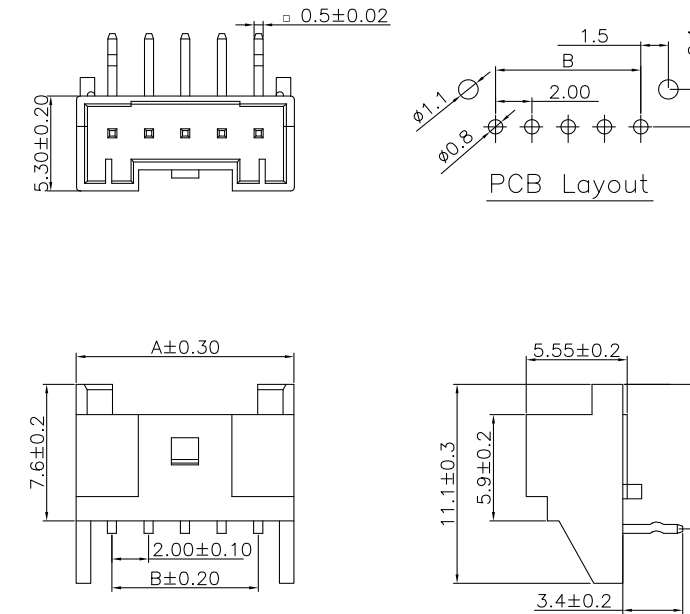
Mates with A2002 series housing

SERIES NO: A2002 W 0 1-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 04~32

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	6.00	---	10	22.00	18.00
03	8.00	4.00	11	24.00	20.00
04	10.00	6.00	12	26.00	22.00
05	12.00	8.00	13	28.00	24.00
06	14.00	10.00	14	30.00	26.00
07	16.00	12.00	15	32.00	28.00
08	18.00	14.00	16	34.00	30.00
09	20.00	16.00			

A2002W9-1XX1XX1

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

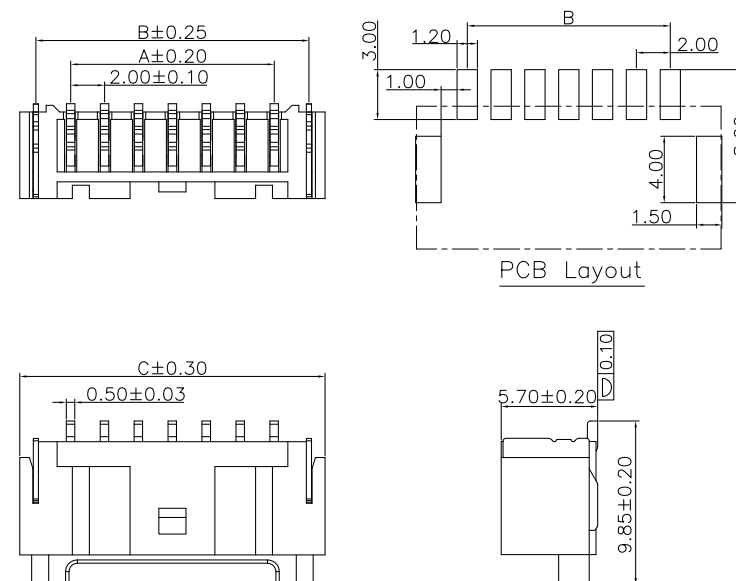
Mates with A2002 series housing

SERIES NO: A2002 W 9-1 XX 1 X X 1
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	6.00	---	10	22.00	18.00
03	8.00	4.00	11	24.00	20.00
04	10.00	6.00	12	26.00	22.00
05	12.00	8.00	13	28.00	24.00
06	14.00	10.00	14	30.00	26.00
07	16.00	12.00	15	32.00	28.00
08	18.00	14.00	16	34.00	30.00
09	20.00	16.00			

A2002W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

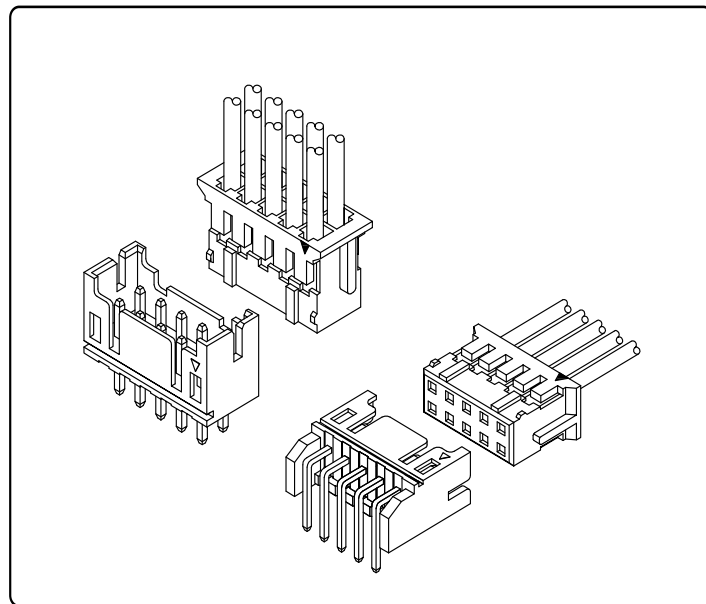
MATERIAL SPECIFICATION:
Housing: LCP/PA9T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2002 series housing

SERIES NO: A2002 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
HOUSING: 1-PA9T RoHS
2-LCP RoHS+HF
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	6.14	8.04	10	18.00	22.14	24.04
03	4.00	8.14	10.04	11	20.00	24.14	26.04
04	6.00	10.14	12.04	12	22.00	26.14	28.04
05	8.00	12.14	14.04	13	24.00	28.14	30.04
06	10.00	14.14	16.04	14	26.00	30.14	32.04
07	12.00	16.14	18.04	15	28.00	32.14	34.04
08	14.00	18.14	20.04	16	30.00	34.14	36.04
09	16.00	20.14	22.04				

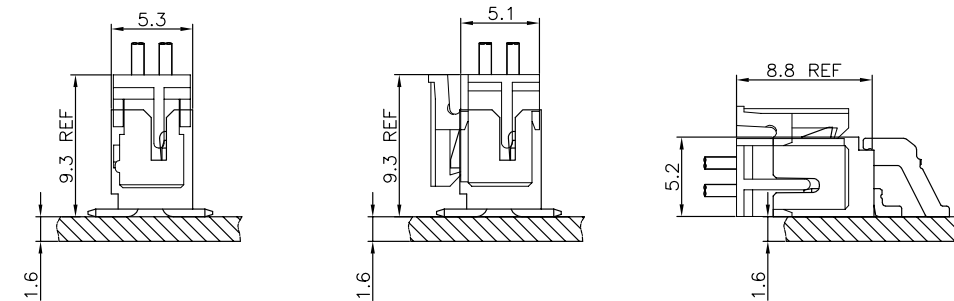


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 250V
 Current rating: 3A
 Contact resistance: $10\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 800V AC

Assembly layout

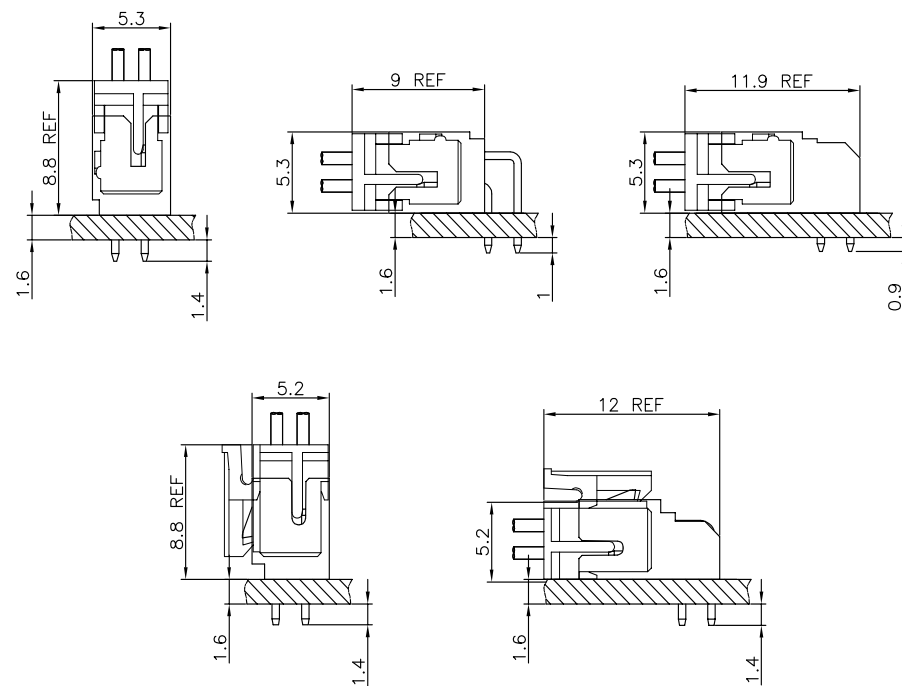
wire to board



Double row SMT Type

Assembly layout

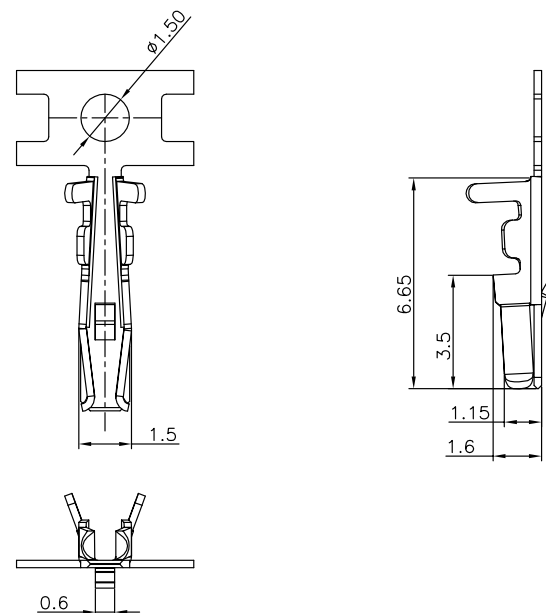
wire to board



Double row DIP Type

A2006TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2006 series housing

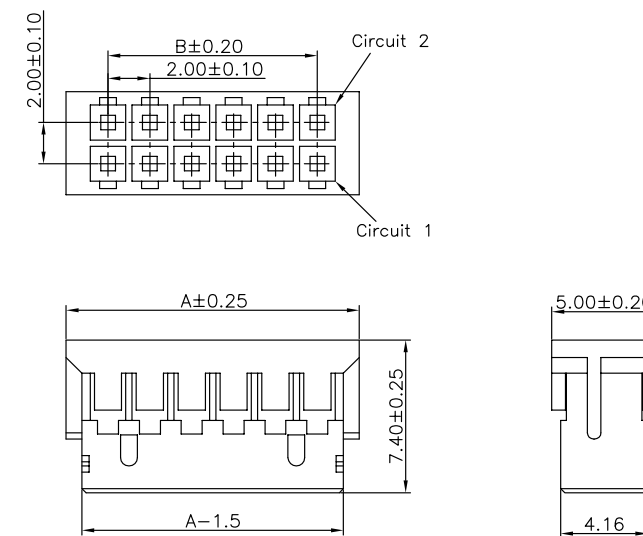
SERIES NO: A2006 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
M-MALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2006HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2006 series Terminal
Mates With A2006 series Wafer

SERIES NO: A2006 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE

COLOR:
A-BLACK
S-NATURE

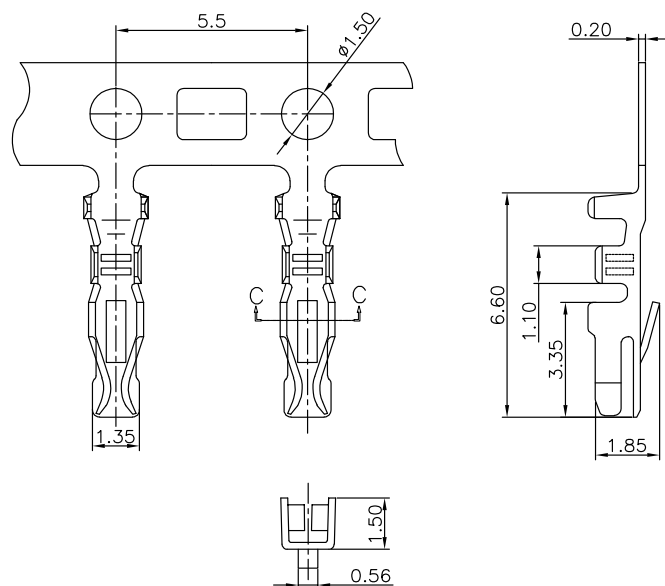
PIN Q' PY:
04~60

ROW NO:
2-DOUBLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
A	B		A	B	
2*02	6.00	---	2*12	26.00	22.00
2*03	8.00	4.00	2*13	28.00	24.00
2*04	10.00	6.00	2*14	30.00	26.00
2*05	12.00	8.00	2*15	32.00	28.00
2*06	14.00	10.00	2*16	34.00	30.00
2*07	16.00	12.00	2*17	36.00	32.00
2*08	18.00	14.00	2*18	38.00	34.00
2*09	20.00	16.00	2*19	40.00	36.00
2*10	22.00	18.00	2*20	42.00	38.00
2*11	24.00	20.00			

A2006T1FX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A2006 series housing

SERIES NO: A2006 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE:
MALE FEMALE: F-FEMALE
M-MALE

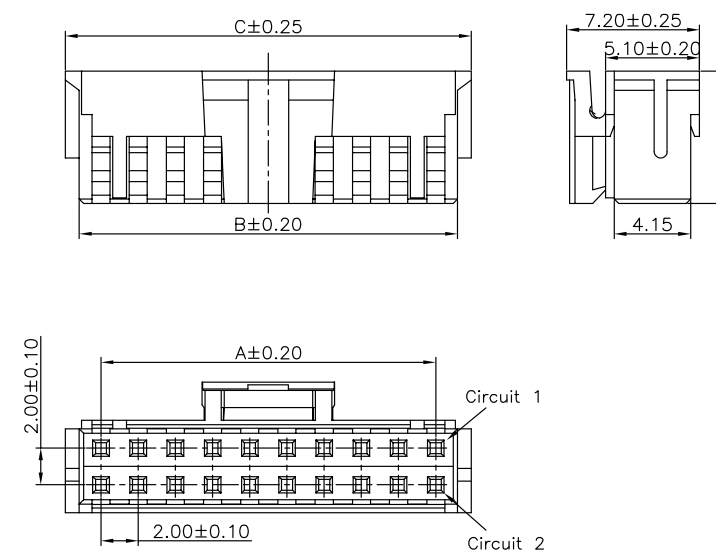
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

SECTION:C-C
SCALE:1:1

A2006H1M-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2006 series Terminal
Mates With A2006 series Wafer

SERIES NO: A2006 H 1 M-2 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE:
MALE FEMALE: M-MALE

COLOR:
A-BLACK
K-WHITE

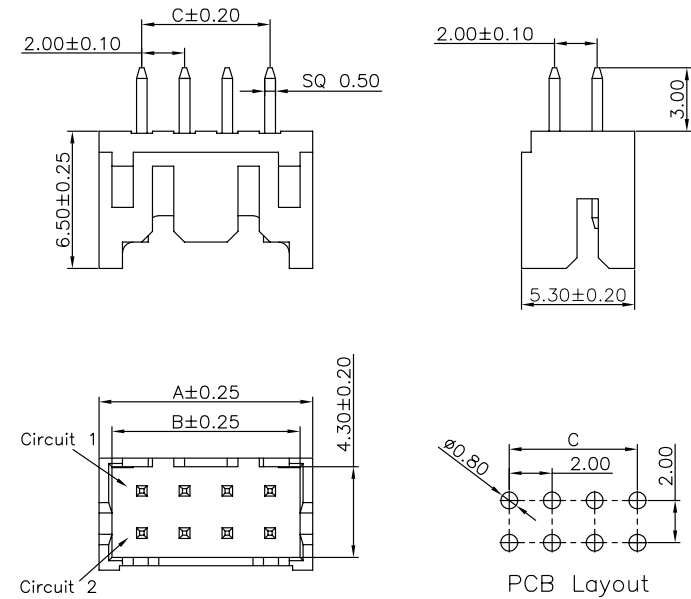
PIN Q' PY:
04~32

ROW NO:
2-DOUBLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
A	B	C	A	B	C
2*02	---	4.50	2*10	18.00	20.50
2*03	4.00	6.50	2*11	20.00	22.50
2*04	6.00	8.50	2*12	22.00	24.50
2*05	8.00	10.50	2*13	24.00	26.50
2*06	10.00	12.50	2*14	26.00	28.50
2*07	12.00	14.50	2*15	28.00	30.50
2*08	14.00	16.50	2*16	30.00	32.50
2*09	16.00	18.50			

A2006W0-2XX1XXX

Pitch 2.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2006 series housing

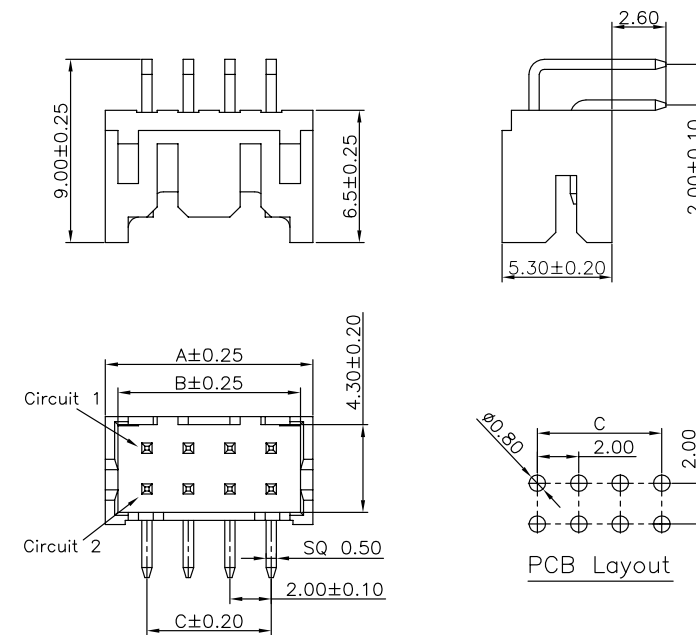
SERIES NO: A2006 W 0-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40

WATER CODE
1-PA66
2-PA46
COLOR:
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	6.00	4.90	---	2*12	26.00	24.90	22.00
2*03	8.00	6.90	4.00	2*13	28.00	26.90	24.00
2*04	10.00	8.90	6.00	2*14	30.00	28.90	26.00
2*05	12.00	10.90	8.00	2*15	32.00	30.90	28.00
2*06	14.00	12.90	10.00	2*16	34.00	32.90	30.00
2*07	16.00	14.90	12.00	2*17	36.00	34.90	32.00
2*08	18.00	16.90	14.00	2*18	38.00	36.90	34.00
2*09	20.00	18.90	16.00	2*19	40.00	38.90	36.00
2*10	22.00	20.90	18.00	2*20	42.00	40.90	38.00
2*11	24.00	22.90	20.00				

A2006W9-2XX1XXX

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2006 series housing

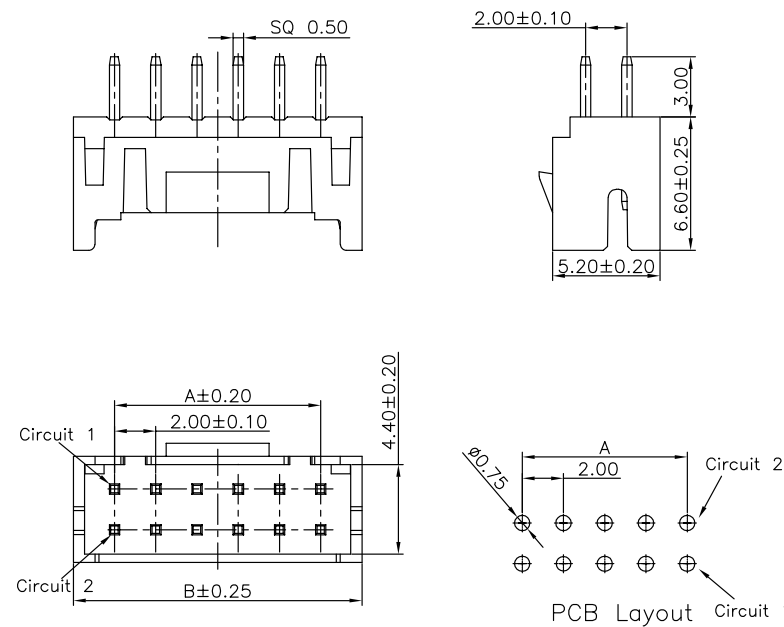
SERIES NO: A2006 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40

WATER CODE
1-PA66
2-PA46
COLOR:
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	6.00	4.90	---	2*12	26.00	24.90	22.00
2*03	8.00	6.90	4.00	2*13	28.00	26.90	24.00
2*04	10.00	8.90	6.00	2*14	30.00	28.90	26.00
2*05	12.00	10.90	8.00	2*15	32.00	30.90	28.00
2*06	14.00	12.90	10.00	2*16	34.00	32.90	30.00
2*07	16.00	14.90	12.00	2*17	36.00	34.90	32.00
2*08	18.00	16.90	14.00	2*18	38.00	36.90	34.00
2*09	20.00	18.90	16.00	2*19	40.00	38.90	36.00
2*10	22.00	20.90	18.00	2*20	42.00	40.90	38.00
2*11	24.00	22.90	20.00				

A2006W01-2XX1XX0

Pitch 2.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2006 series housing

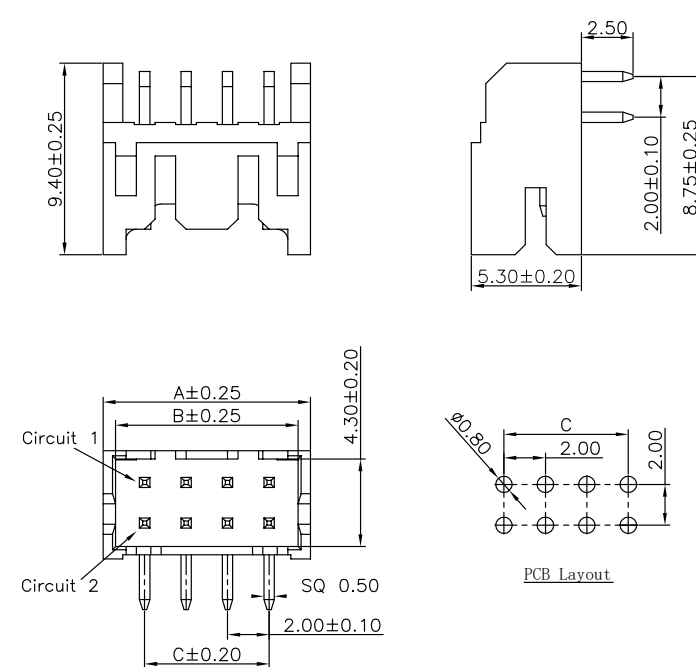
SERIES NO: A2006 W 0 1-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW

COLOR:
A-BLACK
K-WHITE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP
PIN Q'PY:
04~40

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	---	6.00	2*12	22.00	26.00
2*03	4.00	8.00	2*13	24.00	28.00
2*04	6.00	10.00	2*14	26.00	30.00
2*05	8.00	12.00	2*15	28.00	32.00
2*06	10.00	14.00	2*16	30.00	34.00
2*07	12.00	16.00	2*17	32.00	36.00
2*08	14.00	18.00	2*18	34.00	38.00
2*09	16.00	20.00	2*19	36.00	40.00
2*10	18.00	22.00	2*20	38.00	42.00
2*11	20.00	24.00			

A2006W91-2XX1XXX

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2006 series housing

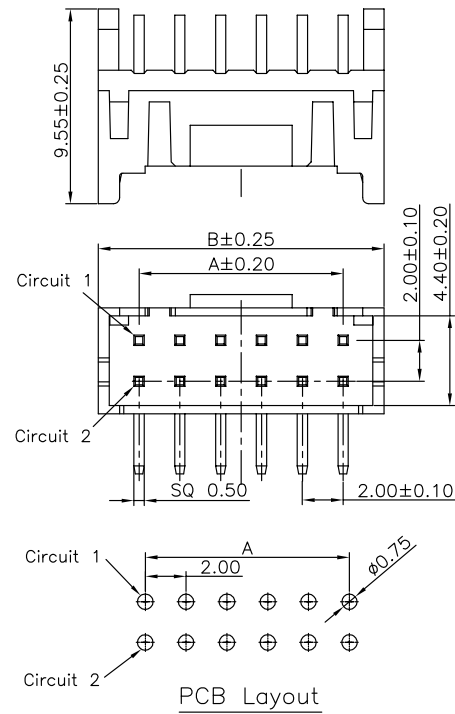
SERIES NO: A2006 W 9 1-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40

HOUSING:
1-PA66
2-PA46
COLOR:
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	6.00	4.90	---	2*12	26.00	24.90	22.00
2*03	8.00	6.90	4.00	2*13	28.00	26.90	24.00
2*04	10.00	8.90	6.00	2*14	30.00	28.90	26.00
2*05	12.00	10.90	8.00	2*15	32.00	30.90	28.00
2*06	14.00	12.90	10.00	2*16	34.00	32.90	30.00
2*07	16.00	14.90	12.00	2*17	36.00	34.90	32.00
2*08	18.00	16.90	14.00	2*18	38.00	36.90	34.00
2*09	20.00	18.90	16.00	2*19	40.00	38.90	36.00
2*10	22.00	20.90	18.00	2*20	42.00	40.90	38.00
2*11	24.00	22.90	20.00				

A2006W92-2XX1XXX

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

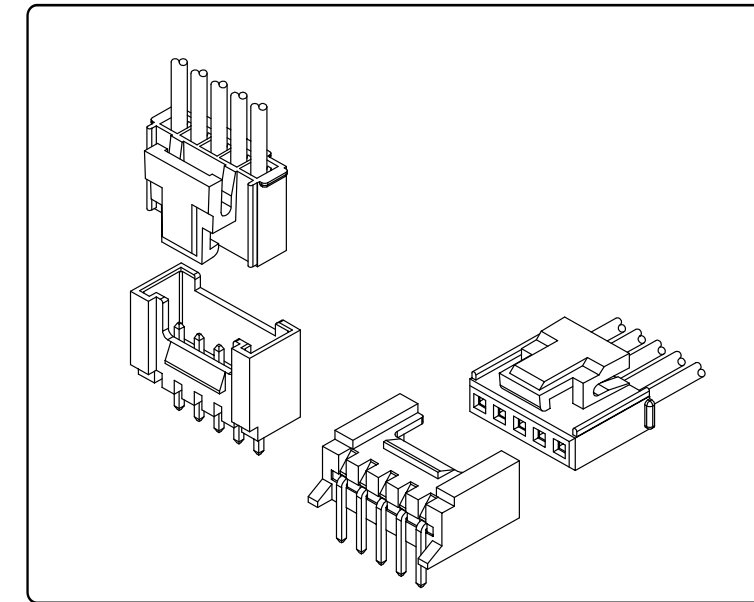
Mates with A2006 series housing

SERIES NO: A2006 W 9 2-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 2-TYPE 2
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40
WATER CODE: 0-N/A
COLOR: A-BLACK, K-WHITE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
2*02	---	2*12	22.00 26.00
2*03	4.00 8.00	2*13	24.00 28.00
2*04	6.00 10.00	2*14	26.00 30.00
2*05	8.00 12.00	2*15	28.00 32.00
2*06	10.00 14.00	2*16	30.00 34.00
2*07	12.00 16.00	2*17	32.00 36.00
2*08	14.00 18.00	2*18	34.00 38.00
2*09	16.00 20.00	2*19	36.00 40.00
2*10	18.00 22.00	2*20	38.00 42.00
2*11	20.00 24.00		

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 2A
Contact resistance: 30mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

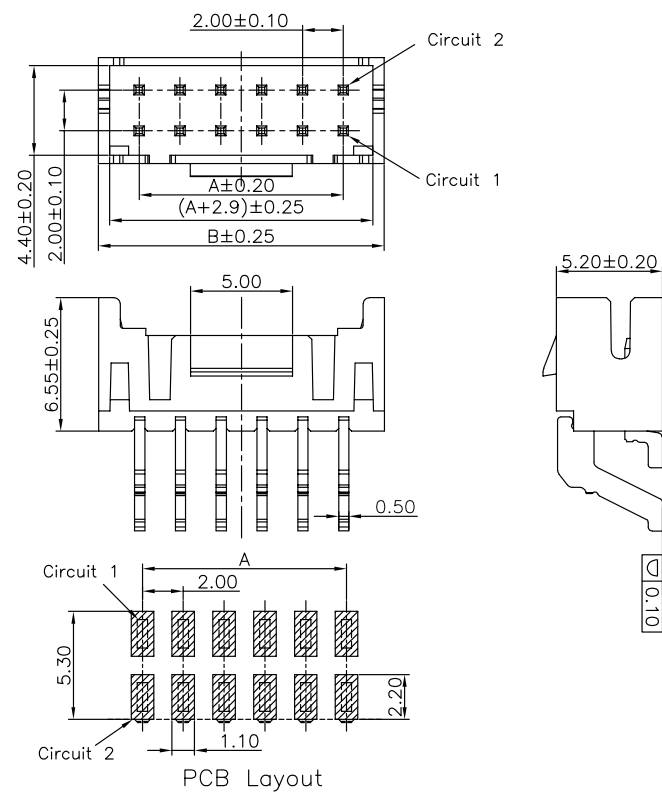


Assembly layout

wire to board

A2006W9-2XX2XX0

Pitch 2.00mm 90° Double row SMT Wafer



Specifications

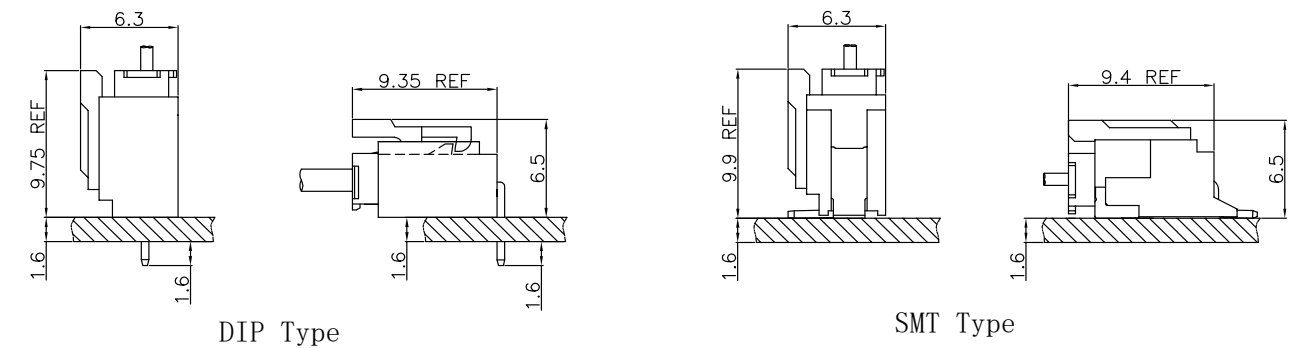
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2006 series housing

SERIES NO: A2006 W 9-2 XX 2 X X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 2-SMT

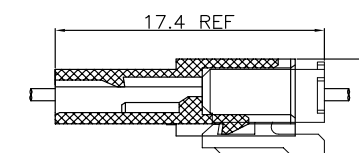
Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
2*02	---	2*12	22.00 26.00
2*03	4.00 8.00	2*13	24.00 28.00
2*04	6.00 10.00	2*14	26.00 30.00
2*05	8.00 12.00	2*15	28.00 32.00
2*06	10.00 14.00	2*16	30.00 34.00
2*07	12.00 16.00	2*17	32.00 36.00
2*08	14.00 18.00	2*18	34.00 38.00
2*09	16.00 20.00	2*19	36.00 40.00
2*10	18.00 22.00	2*20	38.00 42.00
2*11	20.00 24.00		



DIP Type

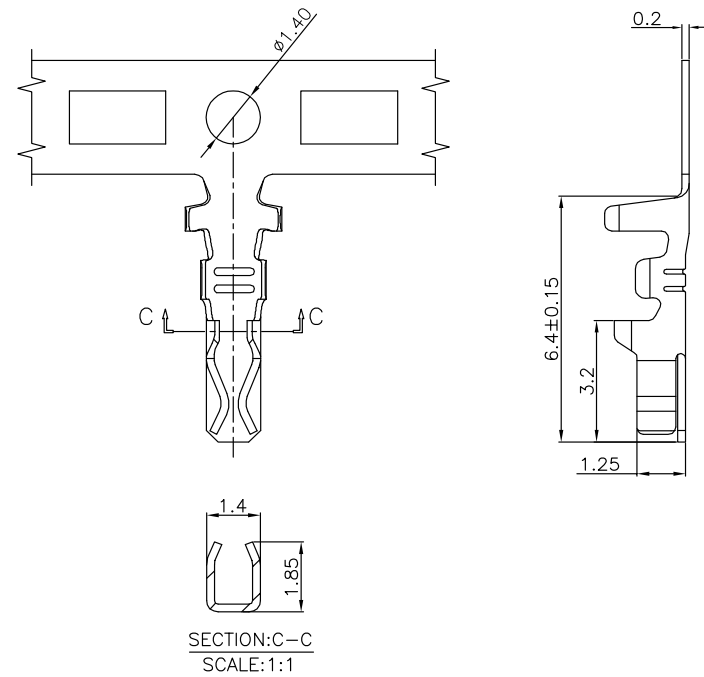
SMT Type

wire to wire



A2008TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2008 series Male housing

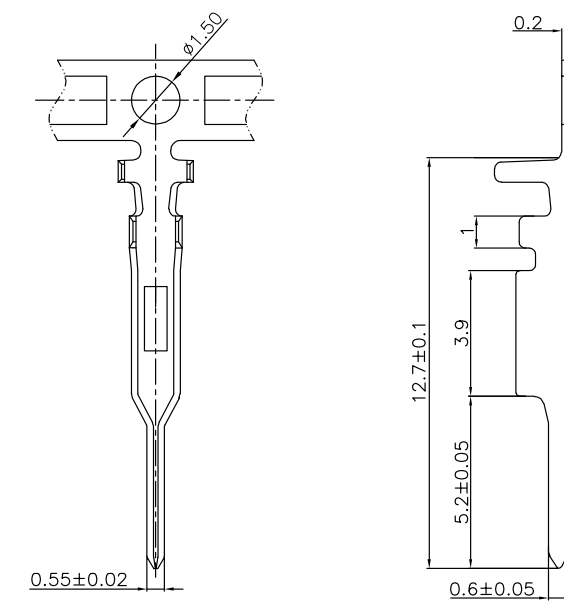
SERIES NO: A2008 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
M-MALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2008TMX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2008 series Female housing

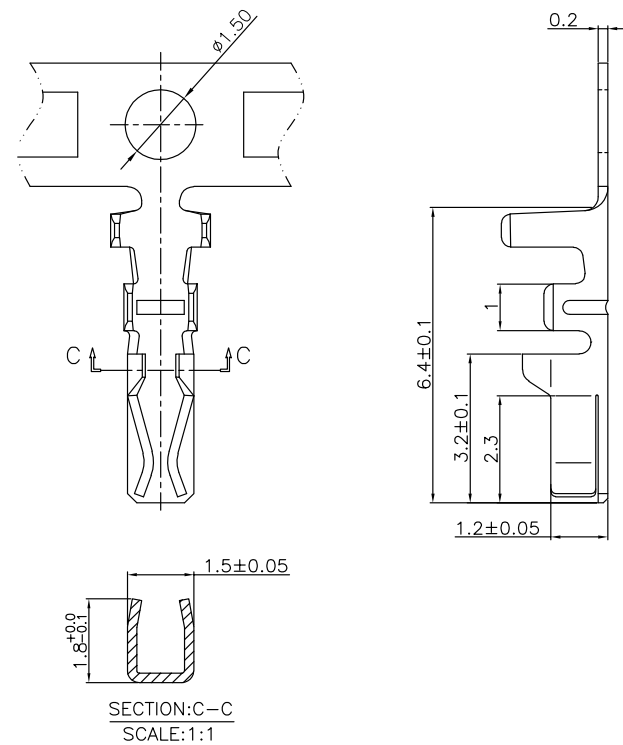
SERIES NO: A2008 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
M-MALE

PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2008T1FX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#30
SUITABLE A2008 series Male housing

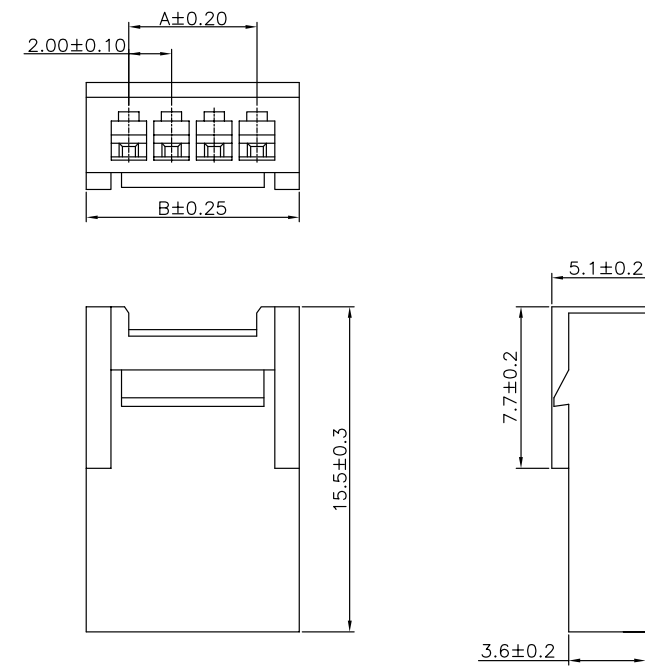
SERIES NO: A2008 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE
M-MALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2008HF-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2008 series Terminal
Mates With A2008 series Male housing

SERIES NO: A2008 H F-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE

COLOR:
A-BLACK
S-NATURE

PIN Q'PY:
02~16

ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

A2008HM-1XXX0

Pitch 2.00mm Single row Housing

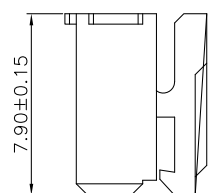
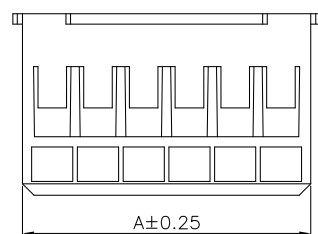
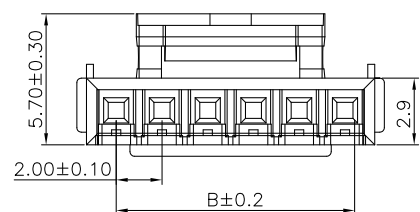
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2008 series Terminal
Mates With A2008 series Wafer

SERIES NO: A2008 H M-1 XX X 0
COLOR:
A-BLACK
S-NATURE
CONNECTOR:
H-HOUSING
MALE FEMALE:
M-MALE
PIN Q'PY:
02~16
ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	4.60	---	10	20.60	18.00
03	6.60	4.00	11	22.60	20.00
04	8.60	6.00	12	24.60	22.00
05	10.60	8.00	13	26.60	24.00
06	12.60	10.00	14	28.60	26.00
07	14.60	12.00	15	30.60	28.00
08	16.60	14.00	16	32.60	30.00
09	18.60	16.00			



A2008H2M-1XXX0

Pitch 2.00mm Single row Housing

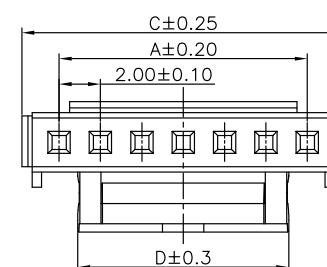
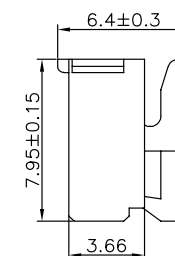
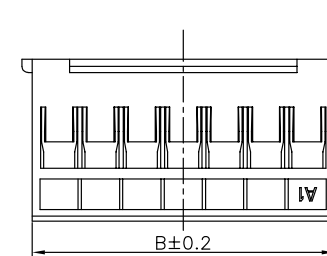
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2008 series Terminal
Mates With A2008 series Wafer

SERIES NO: A2008 H 2 M-1 XX X 0
COLOR:
A-BLACK
M-BEIGE(高温料)
K-WHITE
CONNECTOR:
H-HOUSING
TYPE CODE:
MALE FEMALE:
M-MALE
PIN Q'PY:
02~20
ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	4.60	5.60	3.20	12	24.00	24.60	25.60	20.20
03	4.00	6.60	7.60	4.00	13	24.00	26.60	27.60	22.20
04	6.00	8.60	9.60	5.00	14	26.00	28.60	29.60	24.20
05	8.00	10.60	11.60	6.20	15	28.00	30.60	31.60	26.20
06	10.00	12.60	13.60	8.20	16	30.00	32.60	33.60	28.20
07	12.00	14.60	15.60	10.20	17	32.00	34.60	35.60	30.20
08	14.00	16.60	17.60	12.20	18	34.00	36.60	37.60	32.20
09	16.00	18.60	19.60	14.20	19	36.00	38.60	39.60	34.20
10	18.00	20.60	21.60	16.20	20	38.00	40.60	41.60	36.20
11	20.00	22.60	23.60	18.20					



A2008H1M-1XXX0

Pitch 2.00mm Single row Housing

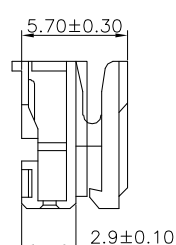
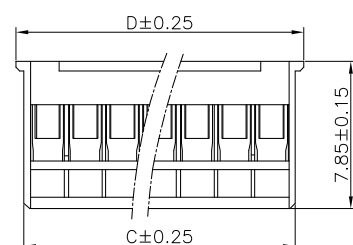
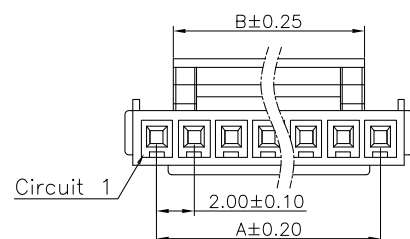
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2008 series Terminal
Mates With A2008 series Wafer

SERIES NO: A2008 H 1 M-1 XX X 0
COLOR:
A-BLACK
S-NATURE
CONNECTOR:
H-HOUSING
TYPE CODE:
MALE FEMALE:
M-MALE
PIN Q'PY:
02~20
ROW NO:
1-SINGLE ROW

Circuits	Dimensions(mm)			
	A	B	C	D
02	---	3.20	4.60	5.60
03	4.00	4.00	6.60	7.60
04	6.00	5.00	8.60	9.60
05	8.00	6.20	10.60	11.60
06	10.00	8.20	12.60	13.60
07	12.00	10.20	14.60	15.60
08	14.00	12.20	16.60	17.60
09	16.00	14.20	18.60	19.60
10	18.00	16.20	20.60	21.60
11	20.00	18.20	22.60	23.60
12	22.00	20.20	24.60	25.60
13	24.00	22.20	26.60	27.60
14	26.00	24.20	28.60	29.60
15	28.00	26.20	30.60	31.60



A2008W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer

Specifications

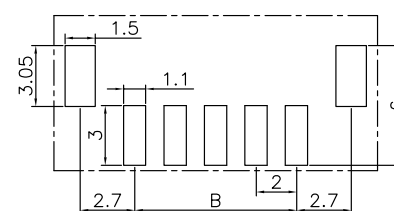
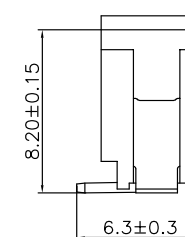
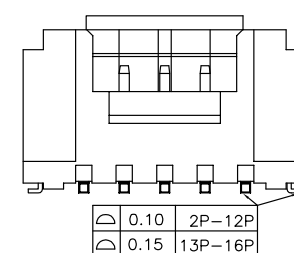
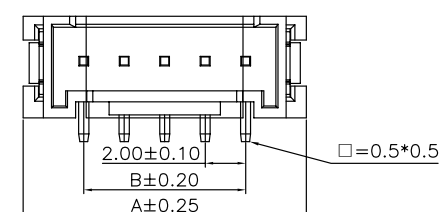
MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 0-1 XX 2 X X X
CONNECTOR:
W-WAFER
ANGLE:
0-180°
ROW NO:
1-SINGLE ROW
PIN Q'PY:
02~16
WATER CODE:
1-PA9T,UL94V-0
2-LCP,UL94V-0
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
TERMINPOINT:
2-SMT

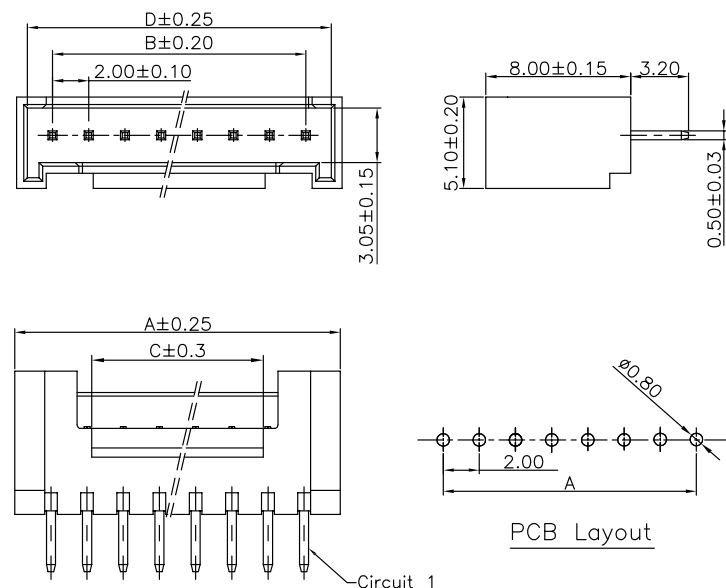
Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	8.00	---	10	24.00	18.00
03	10.00	4.00	11	26.00	20.00
04	12.00	6.00	12	28.00	22.00
05	14.00	8.00	13	30.00	24.00
06	16.00	10.00	14	32.00	26.00
07	18.00	12.00	15	34.00	28.00
08	20.00	14.00	16	36.00	30.00
09	22.00	16.00			



PCB Layout

A2008W0-1XX1XX0

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

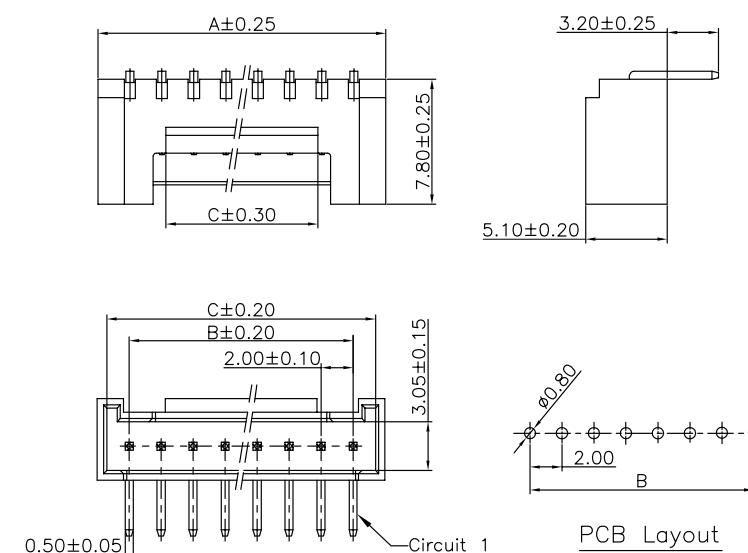
Mates with A2008 series housing

SERIES NO: A2008 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
COLOR: A-BLACK
M-BEIGE (高温料)
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	6.00	---	2.50	4.90	12	26.00	22.00	20.50	24.90
03	8.00	4.00	3.50	6.90	13	28.00	24.00	22.50	26.90
04	10.00	6.00	4.50	8.90	14	30.00	26.00	24.50	28.90
05	12.00	8.00	5.50	10.90	15	32.00	28.00	26.50	30.90
06	14.00	10.00	6.50	12.90	16	34.00	30.00	28.50	32.90
07	16.00	12.00	7.50	14.90	17	36.00	32.00	30.50	34.90
08	18.00	14.00	8.50	16.90	18	38.00	34.00	32.50	36.90
09	20.00	16.00	9.50	18.90	19	40.00	36.00	34.50	38.90
10	22.00	18.00	10.50	20.90	20	42.00	38.00	36.50	40.90
11	24.00	20.00	11.50	22.90					

A2008W9-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

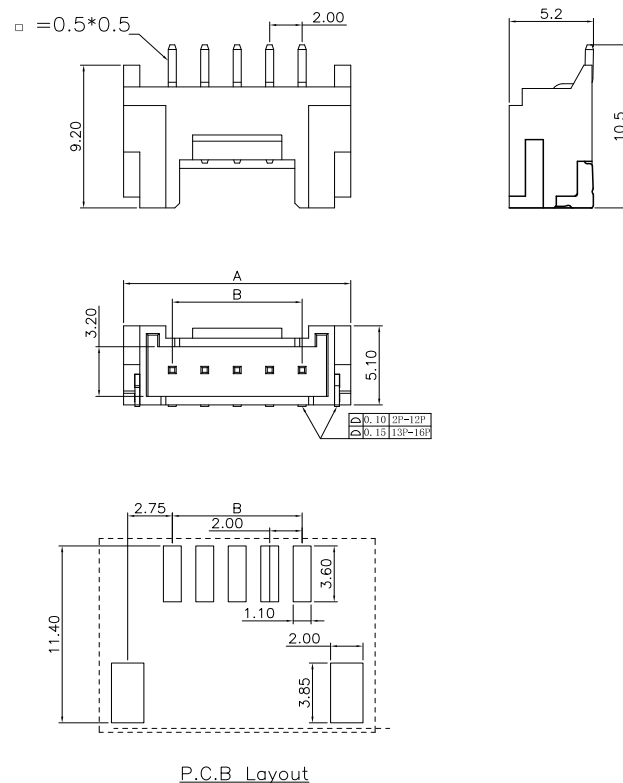
Mates with A2008 series housing

SERIES NO: A2008 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~20
COLOR: A-BLACK
M-BEIGE (高温料)
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	6.00	---	4.90	12	26.00	22.00	24.90
03	8.00	4.00	6.90	13	28.00	24.00	26.90
04	10.00	6.00	8.90	14	30.00	26.00	28.90
05	12.00	8.00	10.90	15	32.00	28.00	30.90
06	14.00	10.00	12.90	16	34.00	30.00	32.90
07	16.00	12.00	14.90	17	36.00	32.00	34.90
08	18.00	14.00	16.90	18	38.00	34.00	36.90
09	20.00	16.00	18.90	19	40.00	36.00	38.90
10	22.00	18.00	20.90	20	42.00	38.00	40.90
11	24.00	20.00	22.90				

A2008W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

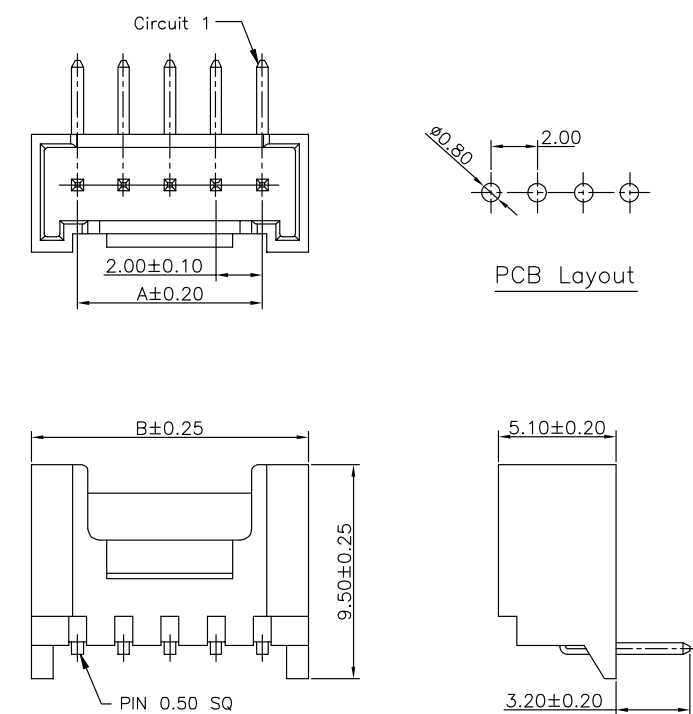
Mates with A2008 series housing

SERIES NO: A2008 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
WATER CODE: 1-PA9T,UL94V-0
2-LCP,UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	8.00	---	10	24.00	18.00
03	10.00	4.00	11	26.00	20.00
04	12.00	6.00	12	28.00	22.00
05	14.00	8.00	13	30.00	24.00
06	16.00	10.00	14	32.00	26.00
07	18.00	12.00	15	34.00	28.00
08	20.00	14.00	16	36.00	30.00
09	22.00	16.00			

A2008W91-1XX1XX0

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

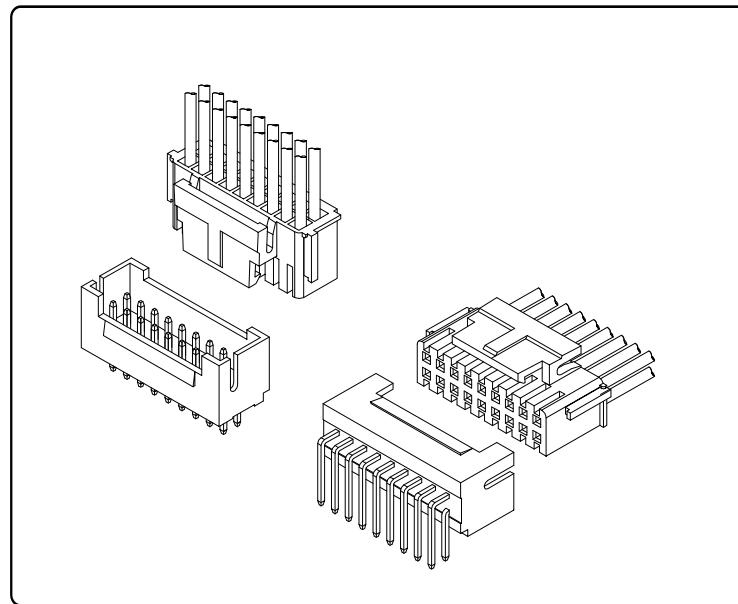
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A2008 series housing

SERIES NO: A2008 W 9 1-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 04~32
COLOR: A-BLACK
K-WHITE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	6.00	10	18.00	22.00
03	4.00	8.00	11	20.00	24.00
04	6.00	10.00	12	22.00	26.00
05	8.00	12.00	13	24.00	28.00
06	10.00	14.00	14	26.00	30.00
07	12.00	16.00	15	28.00	32.00
08	14.00	18.00	16	30.00	34.00
09	16.00	20.00			

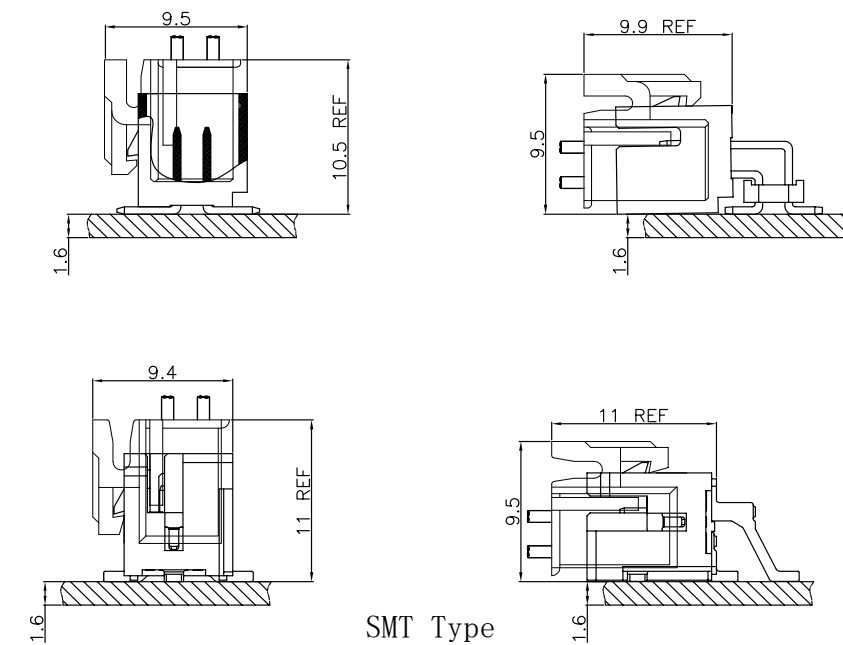


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 30mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

Assembly layout

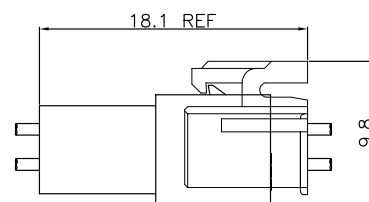
wire to board



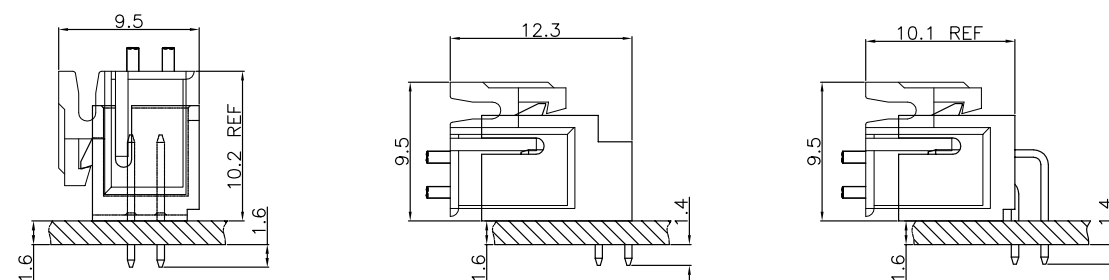
SMT Type

Assembly layout

wire to wire



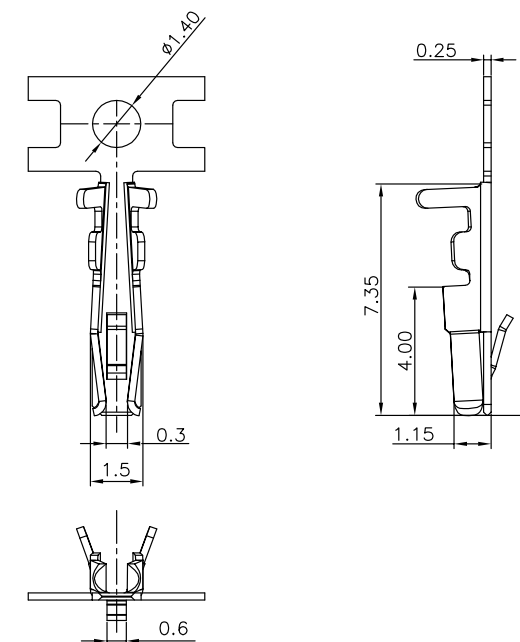
wire to board



DIP Type

A2009TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

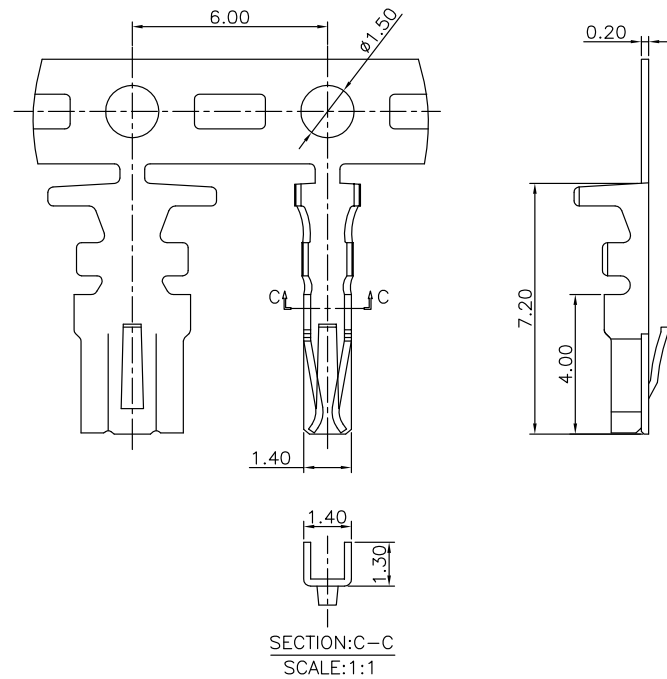
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2009 series Male housing

A2009 T F X-X
SERIES NO: 1-G/F
CONNECTOR: A-ALL AU G/F
T-TERMINAL C-BRIGHT TIN
D-MATTE TIN
MALE FEMALE: P-PHOSPHOR BRONZE
F-FEMALE B-BRASS
M-MALE

A2009T1FX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

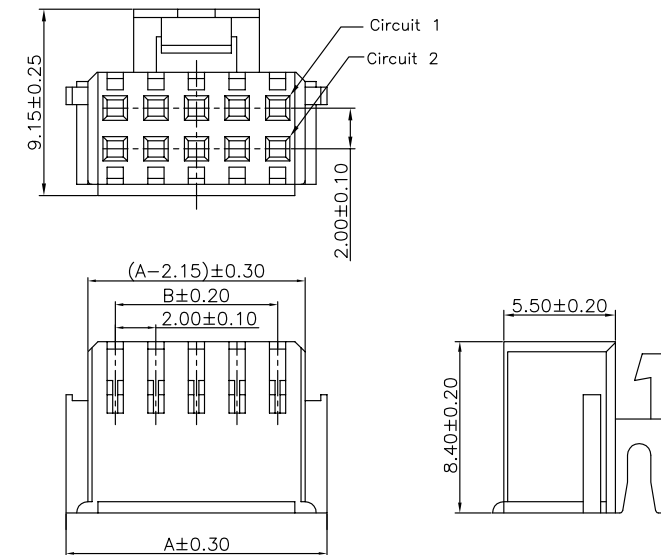
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A2009 series Male housing

SERIES NO: A2009 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE 1 CODE:
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2009HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

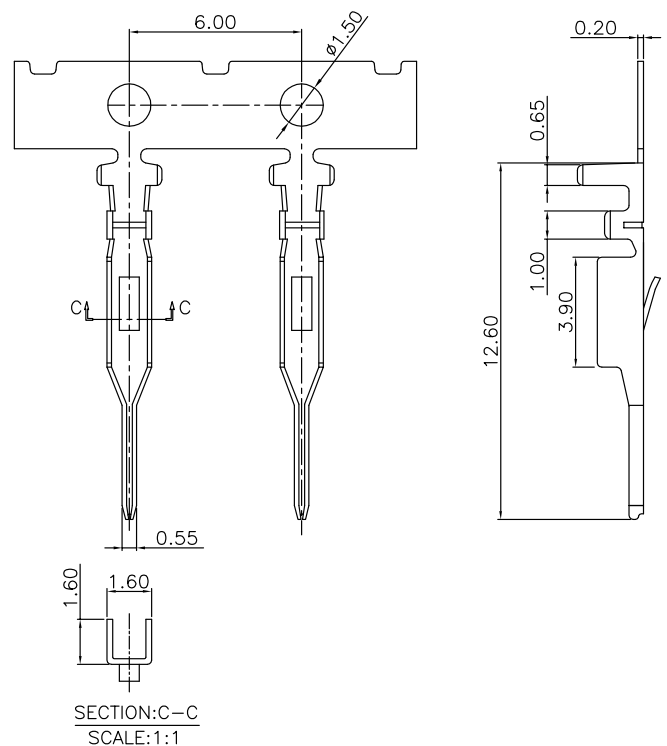
Suitable A2009 series Terminal
Mates With A2009 series Wafer

SERIES NO: A2009 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR:
A-BLACK
S-NATURE
PIN Q'PY:
02~16
ROW NO:
2-DOUBLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	6.85	---	2*12	26.85	22.00
2*03	8.85	4.00	2*13	28.85	24.00
2*04	10.85	6.00	2*14	30.85	26.00
2*05	12.85	8.00	2*15	32.85	28.00
2*06	14.85	10.00	2*16	34.85	30.00
2*07	16.85	12.00	2*17	36.85	32.00
2*08	18.85	14.00	2*18	38.85	34.00
2*09	20.85	16.00	2*19	40.85	36.00
2*10	22.85	18.00	2*20	42.85	38.00
2*11	24.85	20.00			

A2009TMX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

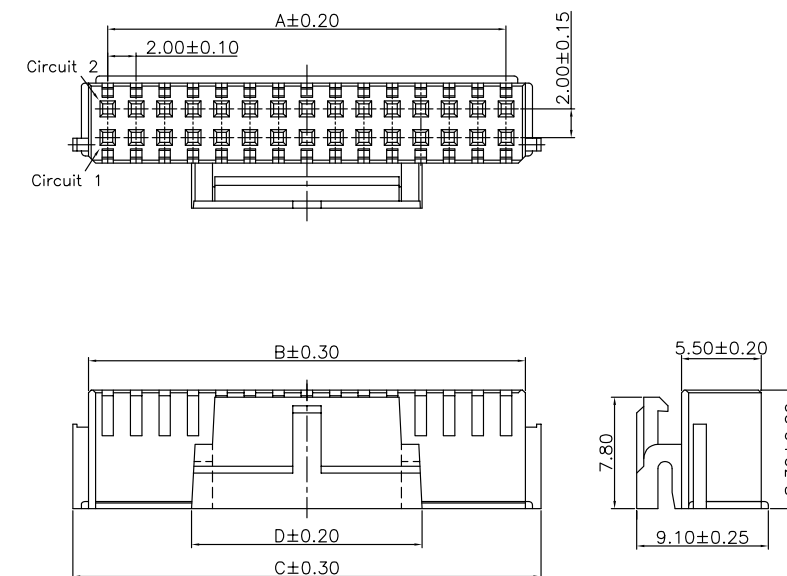
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE A2009 series Female housing

SERIES NO: A2009 T M X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE:
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2009H1M-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

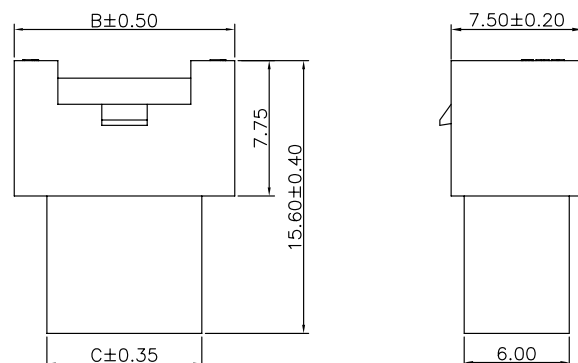
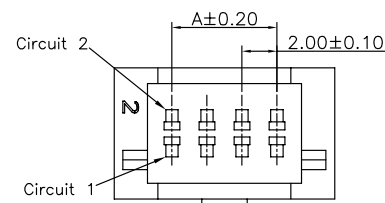
Suitable A2009 series Terminal
Mates With A2009 series Wafer

SERIES NO: A2009 H 1 M-2 XX X 0
CONNECTOR: H-HOUSING
1-TYPE CODE:
MALE FEMALE: M-MALE
COLOR:
A-BLACK
S-NATURE
PIN Q'PY:
04~40
ROW NO:
2-DOUBLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
04	---	4.6	6.76	3.10	24	22.0	24.6	26.76	15.70
06	4.0	6.6	8.76	3.10	26	24.0	26.6	28.76	15.70
08	6.0	8.6	10.76	4.30	28	26.0	28.6	30.76	15.70
10	8.0	10.6	12.76	5.70	30	28.0	30.6	32.76	15.70
12	10.0	12.6	14.76	7.70	32	30.0	32.6	34.76	15.70
14	12.0	14.6	16.76	9.70	34	32.0	34.6	36.76	15.70
16	14.0	16.6	18.76	11.70	36	34.0	36.6	38.76	15.70
18	16.0	18.6	20.76	13.70	38	36.0	38.6	40.76	15.70
20	18.0	20.6	22.76	15.70	40	38.0	40.6	42.76	15.70
22	20.0	22.6	24.76	15.70					

A2009HF-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

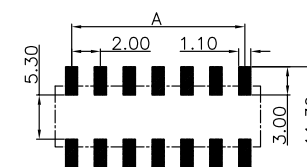
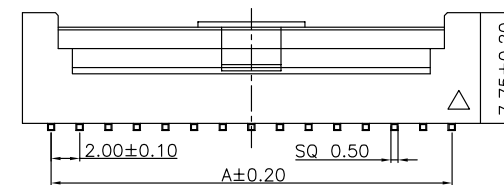
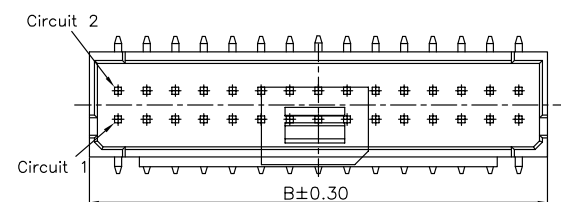
Suitable A2009 series Terminal
Mates With A2009 series Male housing

SERIES NO: A2009 H F-2 XX X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
PIN Q'PY: 04~40
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	---	8.60	4.85	2*12	22.00	28.60	24.85
2*03	4.00	10.60	6.85	2*13	24.00	30.60	26.85
2*04	6.00	12.60	8.85	2*14	26.00	32.60	28.85
2*05	8.00	14.60	10.85	2*15	28.00	34.60	30.85
2*06	10.00	16.60	12.85	2*16	30.00	36.60	32.85
2*07	12.00	18.60	14.85	2*17	32.00	38.60	34.85
2*08	14.00	20.60	16.85	2*18	34.00	40.60	36.85
2*09	16.00	22.60	18.85	2*19	36.00	42.60	38.85
2*10	18.00	24.60	20.85	2*20	38.00	44.60	40.85
2*11	20.00	26.60	22.85				

A2009W0-2XX2XX0

Pitch 2.00mm 180° Double row SMT Wafer



PCB Layout

Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

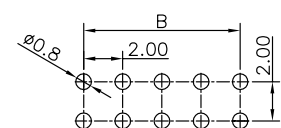
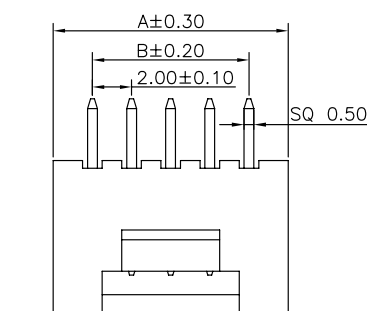
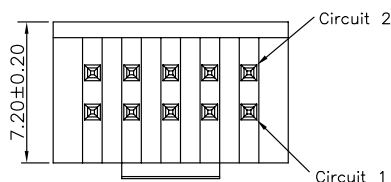
Mates with A2009 series housing

SERIES NO: A2009 W 0-2 XX 2 X X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~50
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	---	6.00	2*14	26.00	30.00
2*03	4.00	8.00	2*15	28.00	32.00
2*04	6.00	10.00	2*16	30.00	34.00
2*05	8.00	12.00	2*17	32.00	36.00
2*06	10.00	14.00	2*18	34.00	38.00
2*07	12.00	16.00	2*19	36.00	40.00
2*08	14.00	18.00	2*20	38.00	42.00
2*09	16.00	20.00	2*21	40.00	44.00
2*10	18.00	22.00	2*22	42.00	46.00
2*11	20.00	24.00	2*23	44.00	48.00
2*12	22.00	26.00	2*24	46.00	50.00
2*13	24.00	28.00	2*25	48.00	52.00

A2009W0-2XX1XX0

Pitch 2.00mm 180° Double row DIP Wafer



PCB Layout

Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

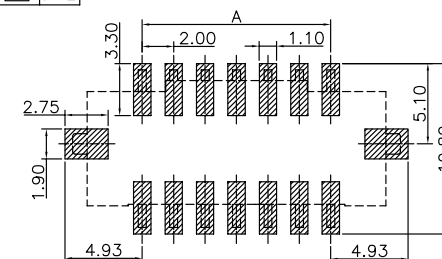
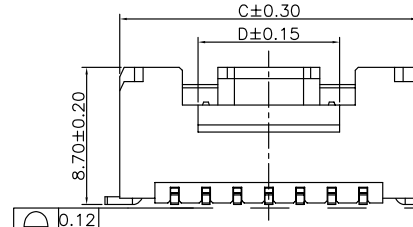
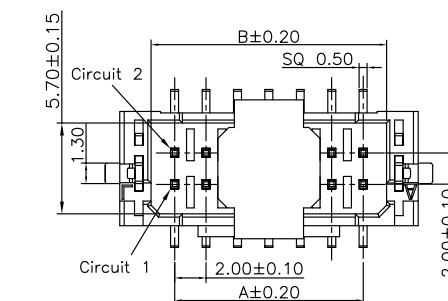
Mates with A2009 series housing

SERIES NO: A2009 W 0-2 XX 1 X X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	6.00	---	2*12	26.00	22.00
2*03	8.00	4.00	2*13	28.00	24.00
2*04	10.00	6.00	2*14	30.00	26.00
2*05	12.00	8.00	2*15	32.00	28.00
2*06	14.00	10.00	2*16	34.00	30.00
2*07	16.00	12.00	2*17	36.00	32.00
2*08	18.00	14.00	2*18	38.00	34.00
2*09	20.00	16.00	2*19	40.00	36.00
2*10	22.00	18.00	2*20	42.00	38.00
2*11	24.00	20.00			

A2009W01-2XX2XX0

Pitch 2.00mm 180° Double row SMT Wafer



PCB Layout

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

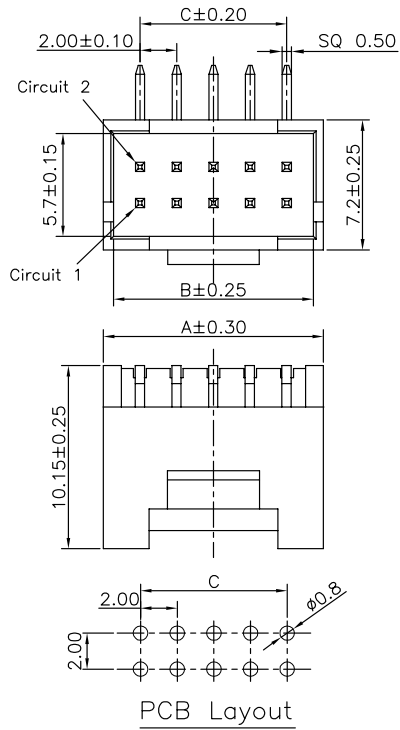
Mates with A2009 series housing

SERIES NO: A2009 W 0 1-2 XX 2 X X 0
COLOR: A-BLACK, S-NATURE
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~32
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			
	A	B	C	D
2*02	---	5.00	9.00	3.00
2*03	4.00	7.00	11.00	3.00
2*04	6.00	9.00	13.00	3.00
2*05	8.00	11.00	15.00	5.00
2*06	10.00	13.00	17.00	7.00
2*07	12.00	15.00	19.00	9.00
2*08	14.00	17.00	21.00	11.00
2*09	16.00	19.00	23.00	13.00
2*10	18.00	21.00	25.00	15.00
2*11	20.00	23.00	27.00	17.00
2*12	22.00	25.00	29.00	19.00
2*13	24.00	27.00	31.00	21.00
2*14	26.00	29.00	33.00	23.00
2*15	28.00	31.00	35.00	25.00
2*16	30.00	33.00	37.00	27.00

A2009W9-2XX1XX0

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2009 series housing

SERIES NO: A2009 W 9-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40

COLOR:
A-BLACK
S-NATURE

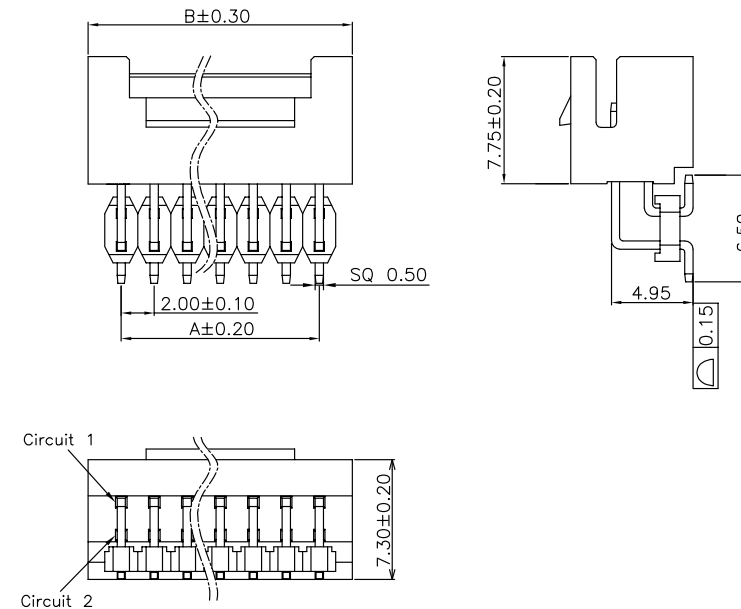
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	6.00	4.90	---	2*12	26.00	24.90	22.00
2*03	8.00	6.90	4.00	2*13	28.00	26.90	24.00
2*04	10.00	8.90	6.00	2*14	30.00	28.90	26.00
2*05	12.00	10.90	8.00	2*15	32.00	30.90	28.00
2*06	14.00	12.90	10.00	2*16	34.00	32.90	30.00
2*07	16.00	14.90	12.00	2*17	36.00	34.90	32.00
2*08	18.00	16.90	14.00	2*18	38.00	36.90	34.00
2*09	20.00	18.90	16.00	2*19	40.00	38.90	36.00
2*10	22.00	20.90	18.00	2*20	42.00	40.90	38.00
2*11	24.00	22.90	20.00				

A2009W9-2XX2XX0

Pitch 2.00mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: All Au G/F

Mates with A2009 series housing

SERIES NO: A2009 W 9-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~30

COLOR:
A-BLACK
S-NATURE

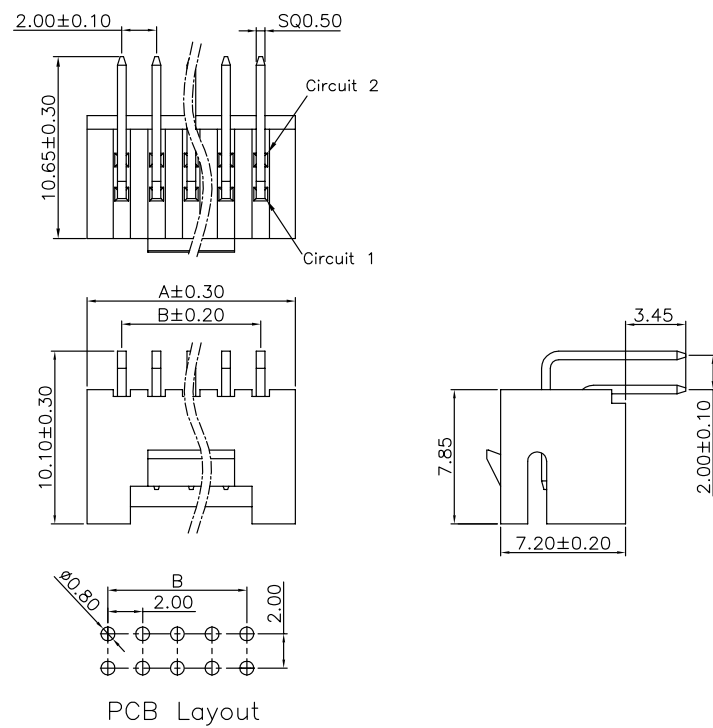
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	---	6.00	2*09	16.00	20.00
2*03	4.00	8.00	2*10	18.00	22.00
2*04	6.00	10.00	2*11	20.00	24.00
2*05	8.00	12.00	2*12	22.00	26.00
2*06	10.00	14.00	2*13	24.00	28.00
2*07	12.00	16.00	2*14	26.00	30.00
2*08	14.00	18.00	2*15	28.00	32.00

A2009W91-2XX1XX0

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2009 series housing

SERIES NO: A2009 W 9 1-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE TIN

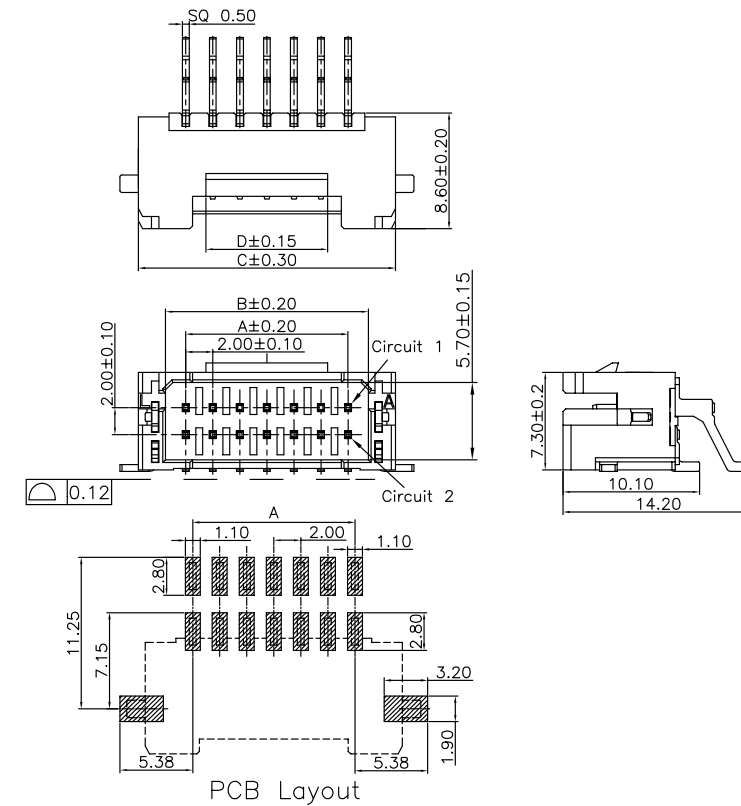
TERMIPOINT:
1-DIP

PIN Q'PY: 04~40

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	6.00	---	2*12	26.00	22.00
2*03	8.00	4.00	2*13	28.00	24.00
2*04	10.00	6.00	2*14	30.00	26.00
2*05	12.00	8.00	2*15	32.00	28.00
2*06	14.00	10.00	2*16	34.00	30.00
2*07	16.00	12.00	2*17	36.00	32.00
2*08	18.00	14.00	2*18	38.00	34.00
2*09	20.00	16.00	2*19	40.00	36.00
2*10	22.00	18.00	2*20	42.00	38.00
2*11	24.00	20.00			

A2009W91-2XX2XX0

Pitch 2.00mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with A2009 series housing

SERIES NO: A2009 W 9 1-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW

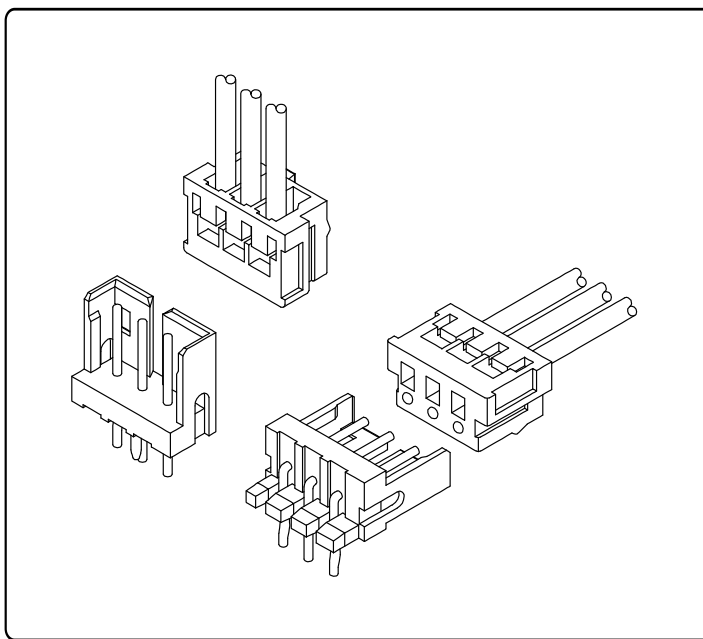
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE TIN

TERMIPOINT:
2-SMT

PIN Q'PY: 04~32

Circuit	Dimensions(mm)			
	A	B	C	D
2*02	---	5.00	9.00	3.00
2*03	4.00	7.00	11.00	3.00
2*04	6.00	9.00	13.00	3.00
2*05	8.00	11.00	15.00	5.00
2*06	10.00	13.00	17.00	7.00
2*07	12.00	15.00	19.00	9.00
2*08	14.00	17.00	21.00	11.00
2*09	16.00	19.00	23.00	13.00
2*10	18.00	21.00	25.00	15.00
2*11	20.00	23.00	27.00	17.00
2*12	22.00	25.00	29.00	19.00
2*13	24.00	27.00	31.00	21.00
2*14	26.00	29.00	33.00	23.00
2*15	28.00	31.00	35.00	25.00
2*16	30.00	33.00	37.00	27.00

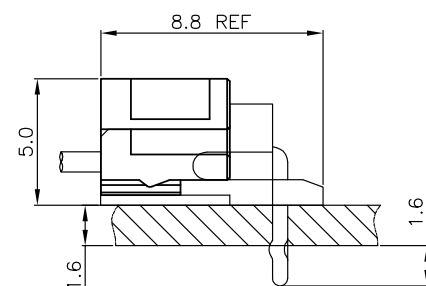
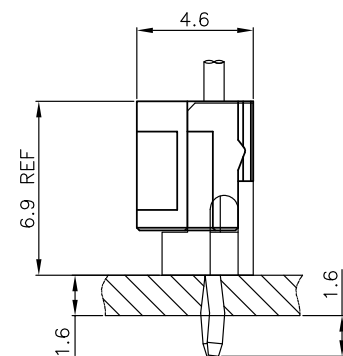


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 125V
Current rating: 4A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

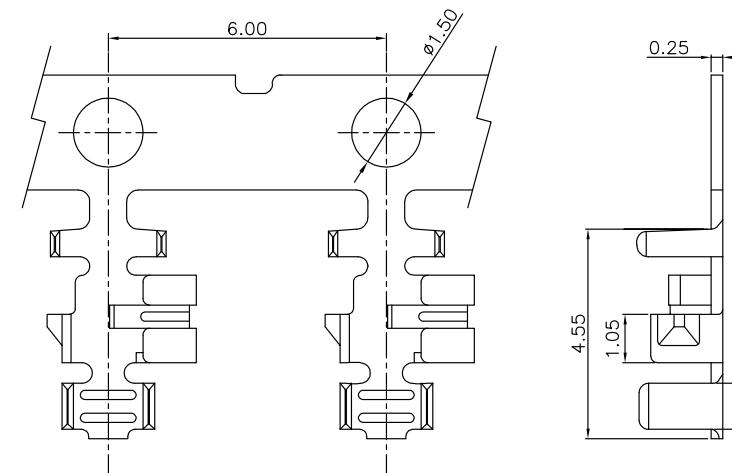
Assembly layout

wire to board



A2010TFX-X

Pitch 2.00mm Terminal

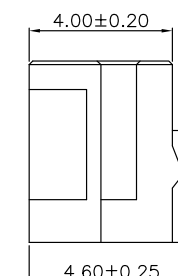
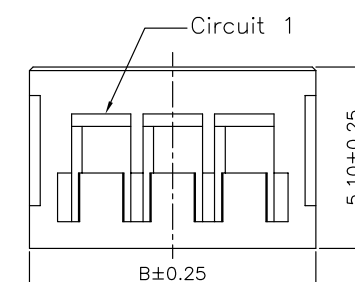
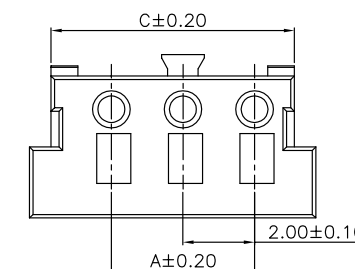


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#26
SUITABLE A2010 series housing
SERIES NO: A2010 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2010HM-1XXX0

Pitch 2.00mm Single row Housing



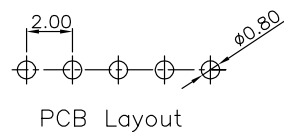
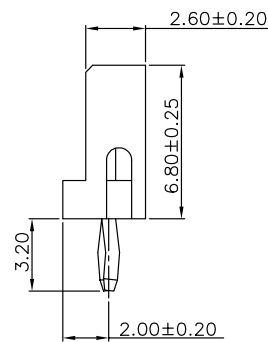
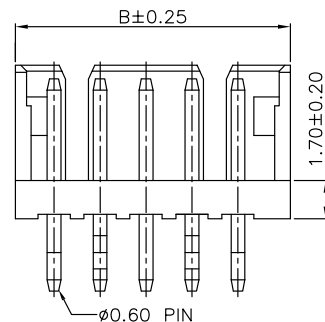
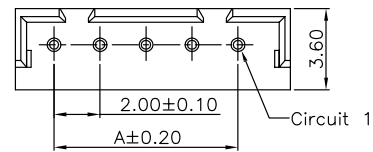
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable A2010 series Terminal
Mates With A2010 series Wafer
SERIES NO: A2010 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR:
A-BLACK
S-NATURE
PIN Q'PY:
02~15
ROW NO:
1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	6.00	4.80	09	16.00	20.00	18.80
03	4.00	8.00	6.80	10	18.00	22.00	20.80
04	6.00	10.00	8.80	11	20.00	24.00	22.80
05	8.00	12.00	10.80	12	22.00	26.00	24.80
06	10.00	14.00	12.80	13	24.00	28.00	26.80
07	12.00	16.00	14.80	14	26.00	30.00	28.80
08	14.00	18.00	16.80	15	28.00	32.00	30.80

A2010W0-1XX1XXX

Pitch 2.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

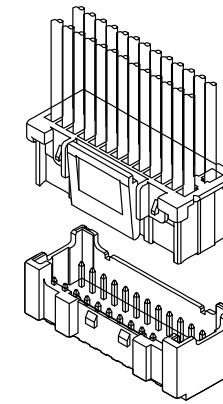
Mates with A2010 series housing

SERIES NO: A2010 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~15
OPTION: 1-K FEET
2-NO K FEET
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.96	09	16.00	19.96
03	4.00	7.96	10	18.00	21.96
04	6.00	9.96	11	20.00	23.96
05	8.00	11.96	12	22.00	25.96
06	10.00	13.96	13	24.00	27.96
07	12.00	15.96	14	26.00	29.96
08	14.00	17.96	15	28.00	31.96

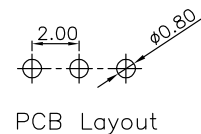
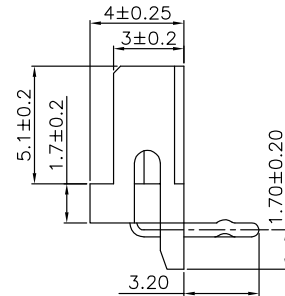
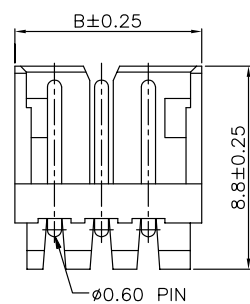
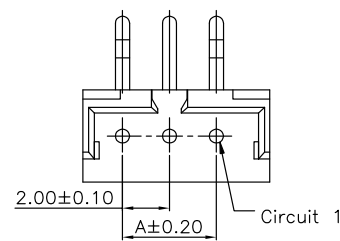
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 800V AC



A2010W9-1XX1XXX

Pitch 2.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

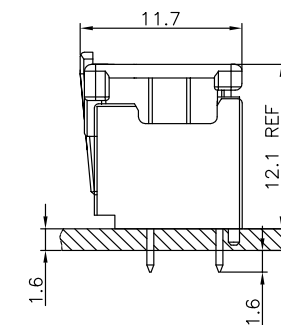
Mates with A2010 series housing

SERIES NO: A2010 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~15
OPTION: 1-K FEET
2-NO K FEET
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.96	09	16.00	19.96
03	4.00	7.96	10	18.00	21.96
04	6.00	9.96	11	20.00	23.96
05	8.00	11.96	12	22.00	25.96
06	10.00	13.96	13	24.00	27.96
07	12.00	15.96	14	26.00	29.96
08	14.00	17.96	15	28.00	31.96

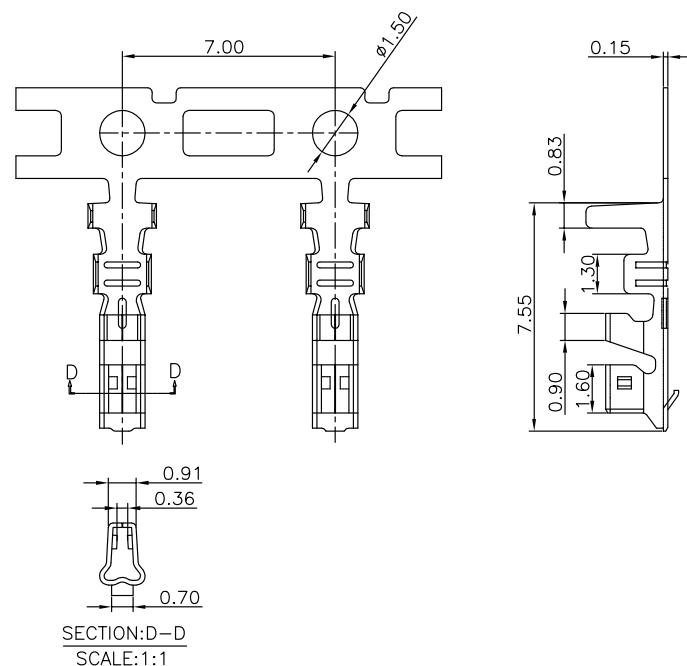
Assembly layout

wire to board



A2019TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

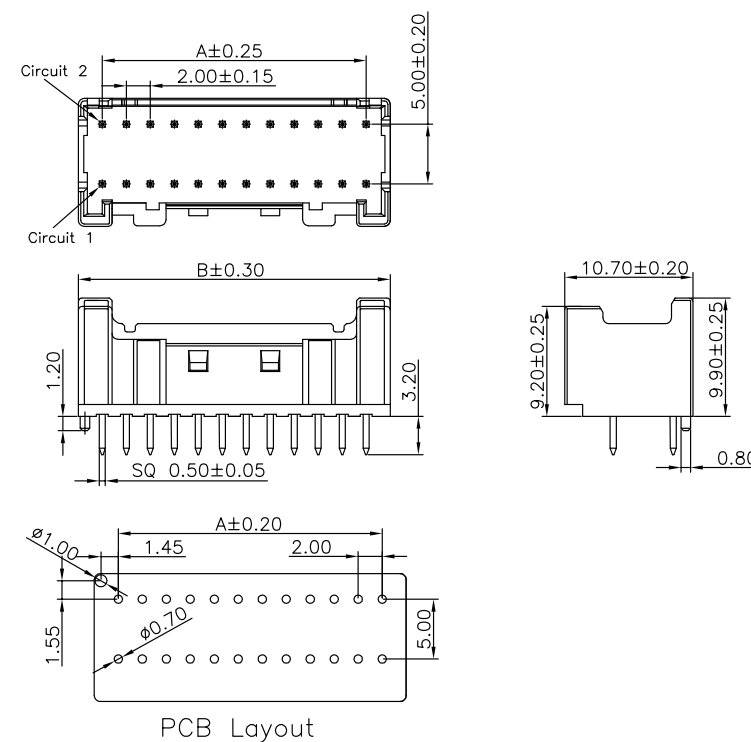
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2019 series housing

SERIES NO: A2019 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2019W0-2XX1XX0

Pitch 2.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

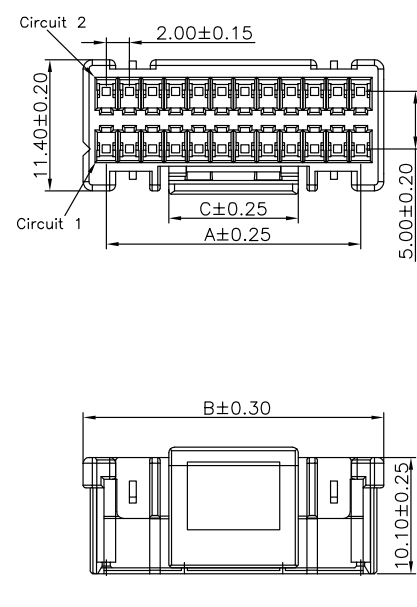
Mates with A2019 series housing

SERIES NO: A2019 W 0-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~42
TERMPOINT: 1-DIP
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*02	---	6.00	2*12	22.00	26.00
2*03	4.00	8.00	2*13	24.00	28.00
2*04	6.00	10.00	2*14	26.00	30.00
2*05	8.00	12.00	2*15	28.00	32.00
2*06	10.00	14.00	2*16	30.00	34.00
2*07	12.00	16.00	2*17	32.00	36.00
2*08	14.00	18.00	2*18	34.00	38.00
2*09	16.00	20.00	2*19	36.00	40.00
2*10	18.00	22.00	2*20	38.00	42.00
2*11	20.00	24.00	2*21	40.00	44.00

A2019HM-2XXX0

Pitch 2.00mm Double row Housing



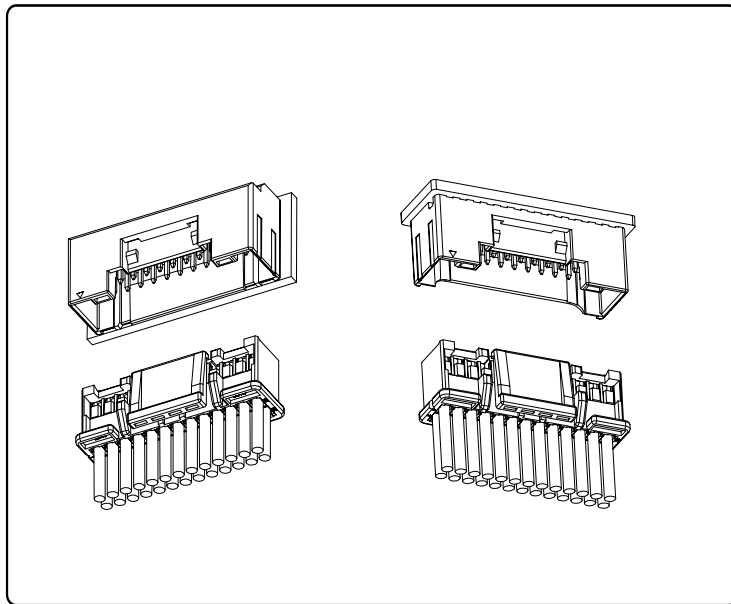
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2019 series Terminal
Mates With A2019 series Wafer

SERIES NO: A2019 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 04~42
ROW NO: 2-DOUBLE ROW

Circuit	Dimension(mm)			Circuit	Dimension(mm)		
	A	B	C		A	B	C
2*02	---	6.00	4.80	2*12	22.00	26.00	11.20
2*03	4.00	8.00	4.80	2*13	24.00	28.00	11.20
2*04	6.00	10.00	4.80	2*14	26.00	30.00	11.20
2*05	8.00	12.00	4.80	2*15	28.00	32.00	11.20
2*06	10.00	14.00	4.80	2*16	30.00	34.00	15.20
2*07	12.00	16.00	4.80	2*17	32.00	36.00	15.20
2*08	14.00	18.00	4.80	2*18	34.00	38.00	15.20
2*09	16.00	20.00	4.80	2*19	36.00	40.00	15.20
2*10	18.00	22.00	11.20	2*20	38.00	42.00	15.20
2*11	20.00	24.00	11.20	2*21	40.00	44.00	15.20

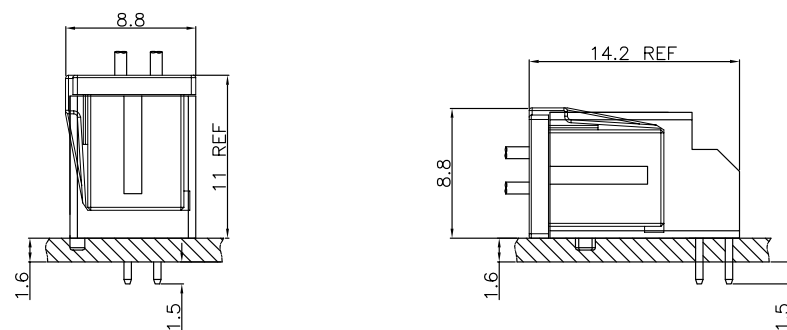


Specifications

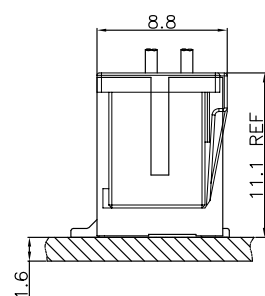
Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 800V AC

Assembly layout

wire to board



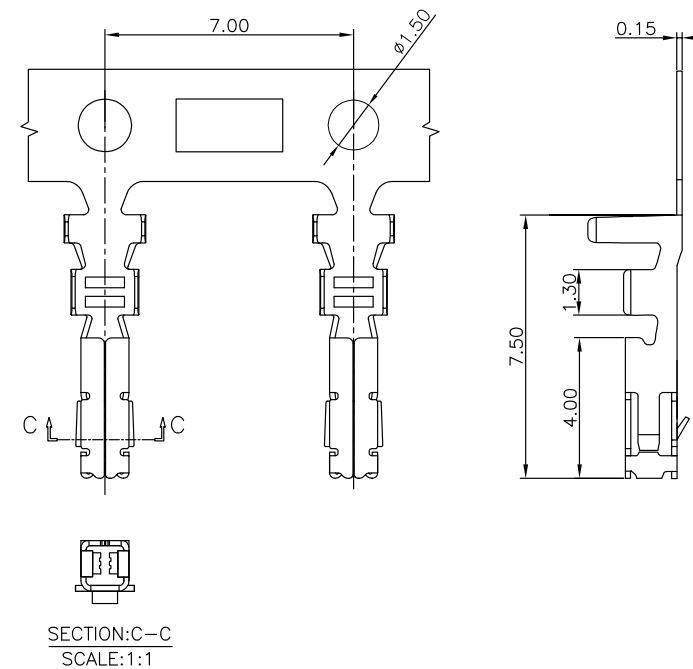
DIP Type



SMT Type

A2020TFX-X

Pitch 2.00mm Terminal



Specifications

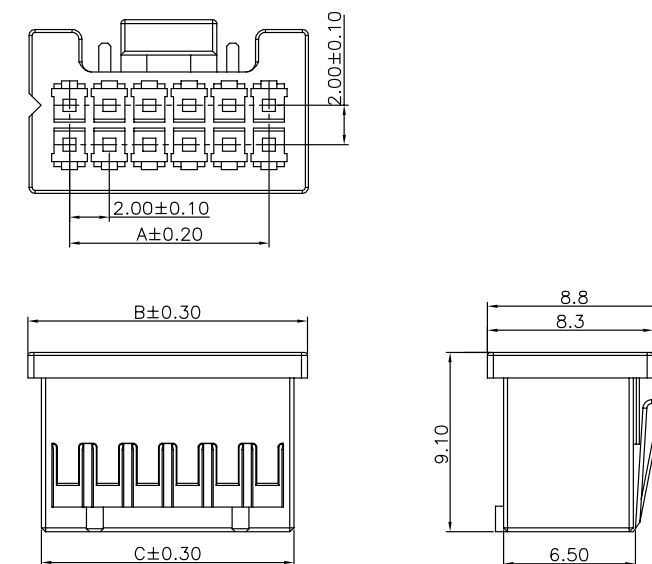
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#28
SUITABLE A2020 series housing

SERIES NO: A2020 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2020HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2020 series Terminal
Mates With A2020 series Wafer

SERIES NO: A2020 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK K-WHITE
PIN Q'PY: 08~40
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*04	6.00	10.00	8.65	2*13	24.00	28.00	26.65
2*05	8.00	12.00	10.65	2*14	26.00	30.00	28.65
2*06	10.00	14.00	12.65	2*15	28.00	32.00	30.65
2*07	12.00	16.00	14.65	2*16	30.00	34.00	32.65
2*08	14.00	18.00	16.65	2*17	32.00	36.00	34.65
2*09	16.00	20.00	18.65	2*18	34.00	38.00	36.65
2*10	18.00	22.00	20.65	2*19	36.00	40.00	38.65
2*11	20.00	24.00	22.65	2*20	38.00	42.00	40.65
2*12	22.00	26.00	24.65				

A2020W9-2XX1XX0

Pitch 2.00mm 90° Double row DIP Wafer

A2020W0-2XX2XX0

Pitch 2.00mm 180° Double row SMT Wafer

Specifications

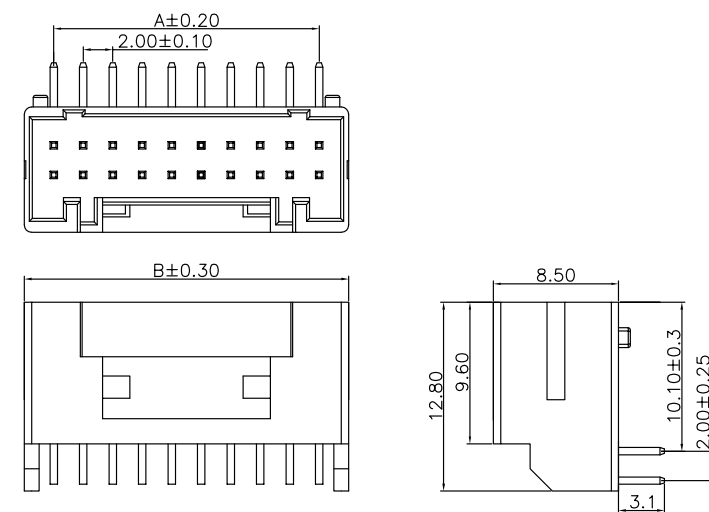
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

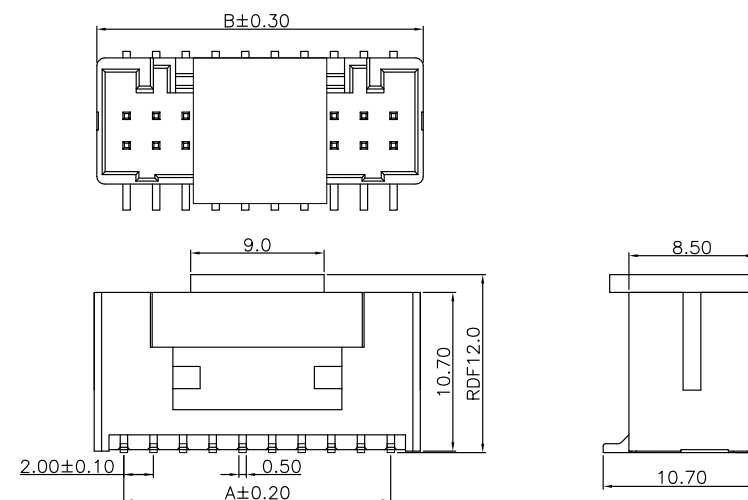
Mates with A2020 series housing

SERIES NO: A2020 W 9-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~40
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*04	6.00	10.00	2*13	24.00	28.00
2*05	8.00	12.00	2*14	26.00	30.00
2*06	10.00	14.00	2*15	28.00	32.00
2*07	12.00	16.00	2*16	30.00	34.00
2*08	14.00	18.00	2*17	32.00	36.00
2*09	16.00	20.00	2*18	34.00	38.00
2*10	18.00	22.00	2*19	36.00	40.00
2*11	20.00	24.00	2*20	38.00	42.00
2*12	22.00	26.00			



PCB Layout



PCB Layout

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2020 series housing

SERIES NO: A2020 W 0-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~40
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT: 2-SMT

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*04	6.00	10.00	2*13	24.00	28.00
2*05	8.00	12.00	2*14	26.00	30.00
2*06	10.00	14.00	2*15	28.00	32.00
2*07	12.00	16.00	2*16	30.00	34.00
2*08	14.00	18.00	2*17	32.00	36.00
2*09	16.00	20.00	2*18	34.00	38.00
2*10	18.00	22.00	2*19	36.00	40.00
2*11	20.00	24.00	2*20	38.00	42.00
2*12	22.00	26.00			

A2020W0-2XX1XX0

Pitch 2.00mm 180° Double row DIP Wafer

Specifications

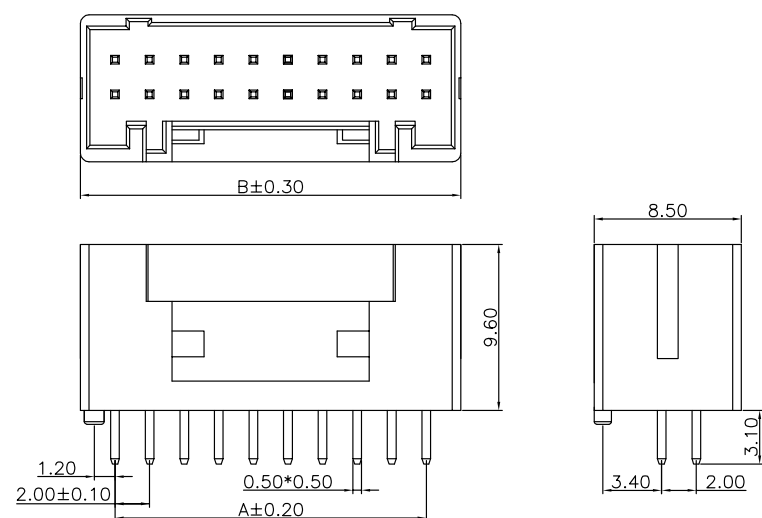
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

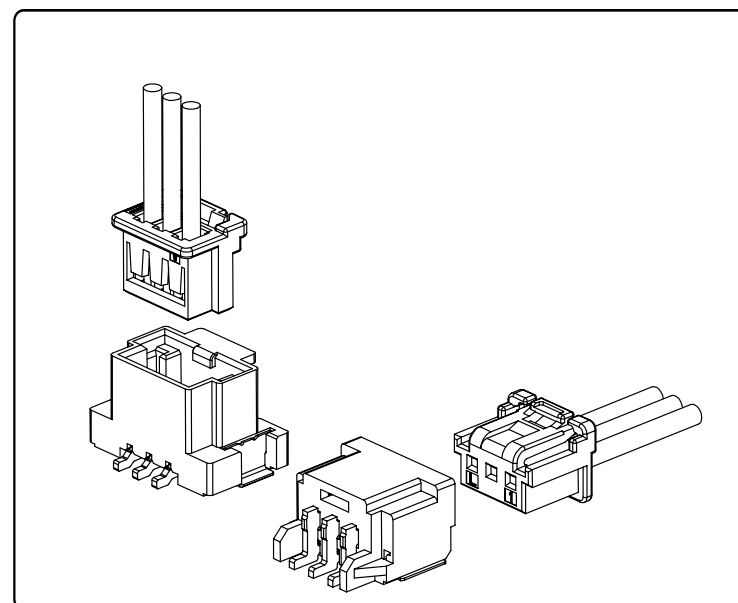
Mates with A2020 series housing

SERIES NO: A2020 W 0-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~40
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*04	6.00	10.00	2*13	24.00	28.00
2*05	8.00	12.00	2*14	26.00	30.00
2*06	10.00	14.00	2*15	28.00	32.00
2*07	12.00	16.00	2*16	30.00	34.00
2*08	14.00	18.00	2*17	32.00	36.00
2*09	16.00	20.00	2*18	34.00	38.00
2*10	18.00	22.00	2*19	36.00	40.00
2*11	20.00	24.00	2*20	38.00	42.00
2*12	22.00	26.00			



PCB Layout

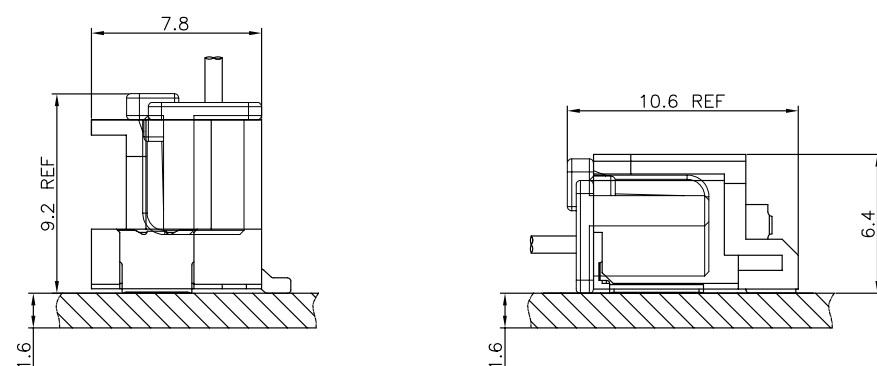


Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
 Voltage rating: 125V
 Current rating: 3A
 Contact resistance: $10\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 500V AC

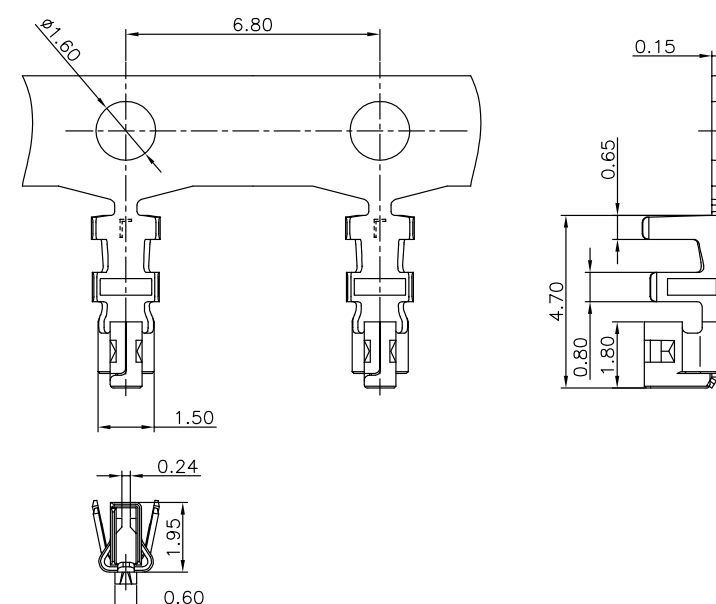
Assembly layout

wire to board



A2023TFX-X

Pitch 2.00mm Terminal



Specifications

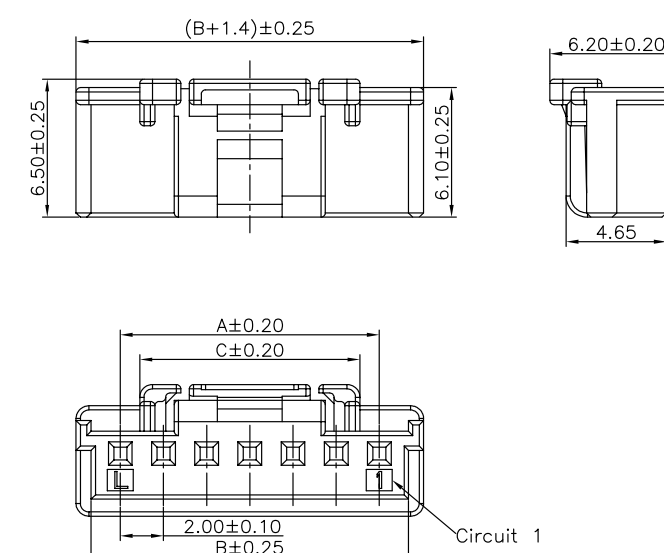
MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin

APPLICABLE WIRES: AWG #22-#26
 SUITABLE A2023 series housing

A2023 T F X-X
 SERIES NO: _____
 CONNECTOR: _____
 T-TERMINAL
 MALE FEMALE: _____
 F-FEMALE
 M-MALE
 PLATING:
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN
 METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

A2023HM-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
 Housing: PBT, 94V-0

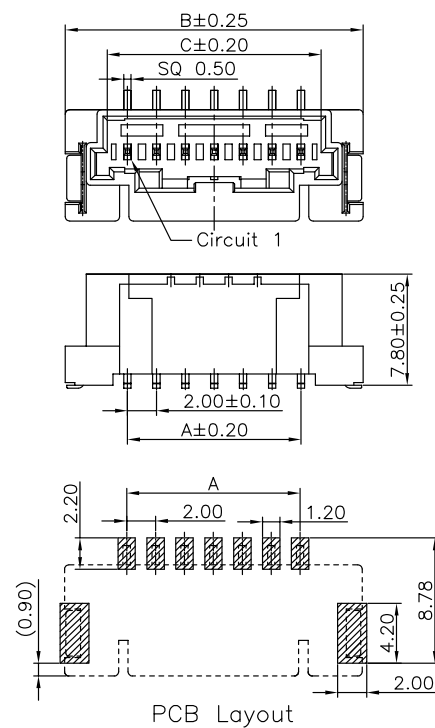
Suitable A2023 series Terminal
 Mates With A2023 series Wafer

A2023 H M-1 XX X 0
 SERIES NO: _____
 CONNECTOR: _____
 H-HOUSING
 MALE FEMALE: _____
 M-MALE
 COLOR:
 A-BLACK
 S-NATURE
 PIN Q'PY:
 02~15
 ROW NO:
 1-SINGLE ROW

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	---	4.70	8.00	09	16.00	18.70	10.20
03	4.00	6.70	8.10	10	18.00	20.70	
04	6.00	8.70	10.10	11	20.00	22.70	
05	8.00	10.70	11.50	12	22.00	24.70	
06	10.00	12.70	13.00	13	24.00	26.70	
07	12.00	14.70	14.50	14	26.00	28.70	
08	14.00	16.70	15.50	15	28.00	30.70	

A2023W0-1XX2XXX

Pitch 2.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A2023 series housing

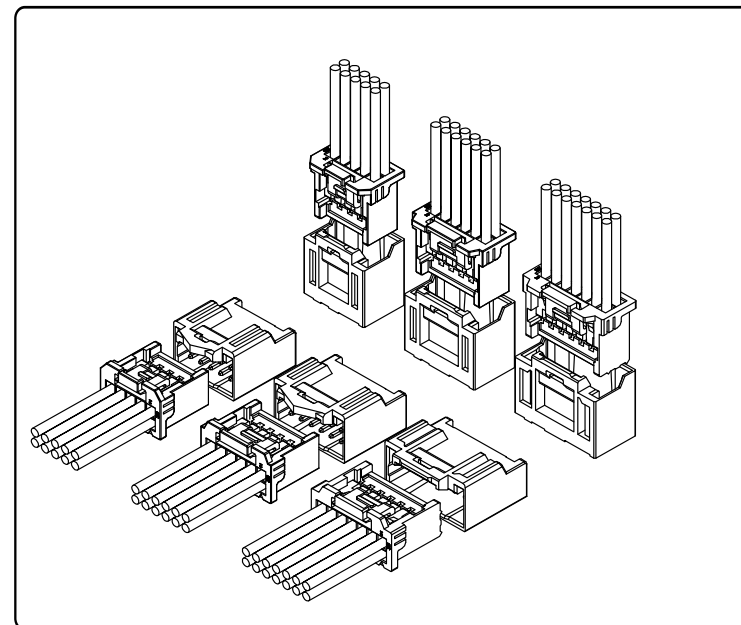
SERIES NO: A2023 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~15

HOUSING:
1-PA9T RoHS
2-LCP RoHS+HF
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	10.90	4.80	09	16.00	24.60	18.80
03	4.00	12.60	6.80	10	18.00	26.60	20.80
04	6.00	14.60	8.80	11	20.00	28.60	22.80
05	8.00	16.60	10.80	12	22.00	30.60	24.80
06	10.00	18.60	12.80	13	24.00	32.60	26.80
07	12.00	20.60	14.80	14	26.00	34.60	28.80
08	14.00	22.60	16.80	15	28.00	36.60	30.80

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 2A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

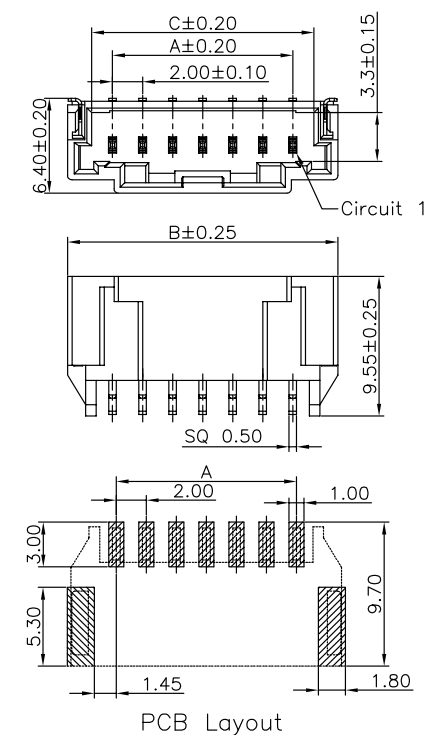


Assembly layout

wire to board

A2023W9-1XX2XXX

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Phosphor Bronze

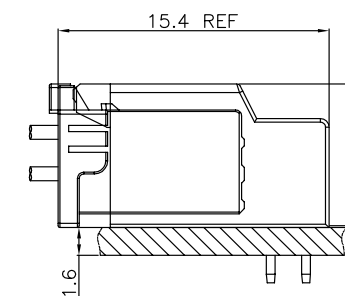
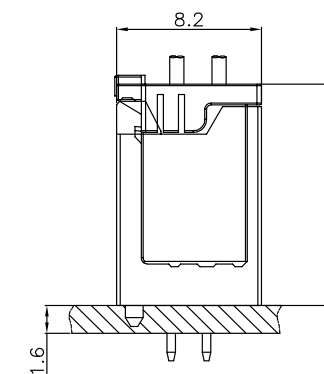
PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A2023 series housing

SERIES NO: A2023 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~15

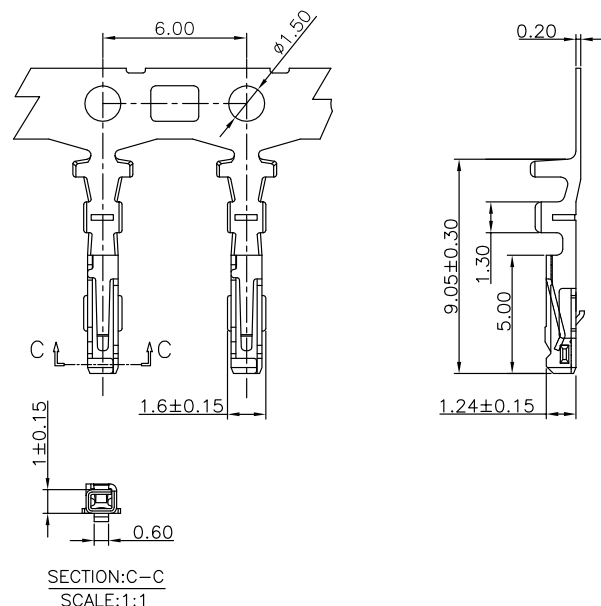
HOUSING:
1-PA9T RoHS
2-LCP RoHS+HF
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	8.00	4.80	09	16.00	22.00	18.80
03	4.00	10.00	6.80	10	18.00	24.00	20.80
04	6.00	12.00	8.80	11	20.00	26.00	22.80
05	8.00	14.00	10.80	12	22.00	28.00	24.80
06	10.00	16.00	12.80	13	24.00	30.00	26.80
07	12.00	18.00	14.80	14	26.00	32.00	28.80
08	14.00	20.00	16.80	15	28.00	34.00	30.80



A2036TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

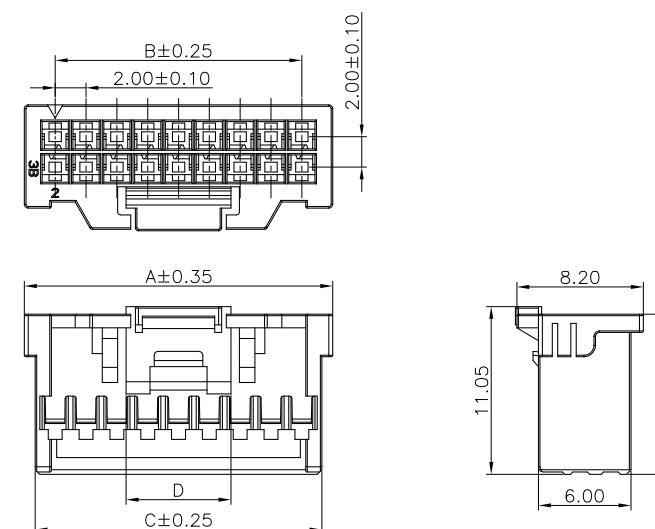
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#26
SUITABLE A2036 series housing

SERIES NO: A2036 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2036HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

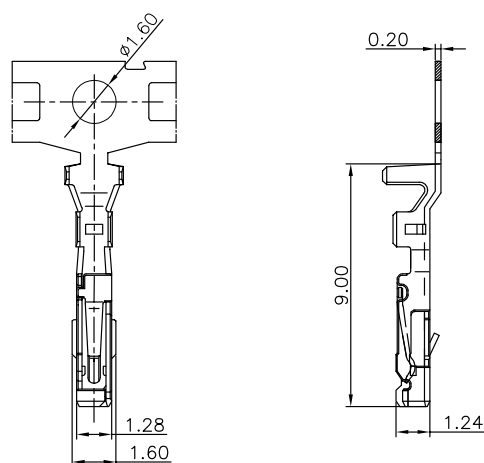
Suitable A2036 series Terminal
Mates With A2036 series Wafer

SERIES NO: A2036 H M-2 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*02	6.0	4.0	4.6	2.2	2*12	26.0	22.0	24.6	6.8
2*03	8.0	4.0	6.6	2.2	2*13	28.0	24.0	26.6	6.8
2*04	10.0	6.0	8.6	3.1	2*14	30.0	26.0	28.6	6.8
2*05	12.0	8.0	10.6	5.1	2*15	32.0	28.0	30.6	6.8
2*06	14.0	10.0	12.6	6.8	2*16	34.0	30.0	32.6	6.8
2*07	16.0	12.0	14.6	6.8	2*17	36.0	32.0	34.6	6.8
2*08	18.0	14.0	16.6	6.8	2*18	38.0	34.0	36.6	6.8
2*09	20.0	16.0	18.6	6.8	2*19	40.0	36.0	38.6	6.8
2*10	22.0	18.0	20.6	6.8	2*20	42.0	38.0	40.6	6.8
2*11	24.0	20.0	22.6	6.8					

A2036T1FX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

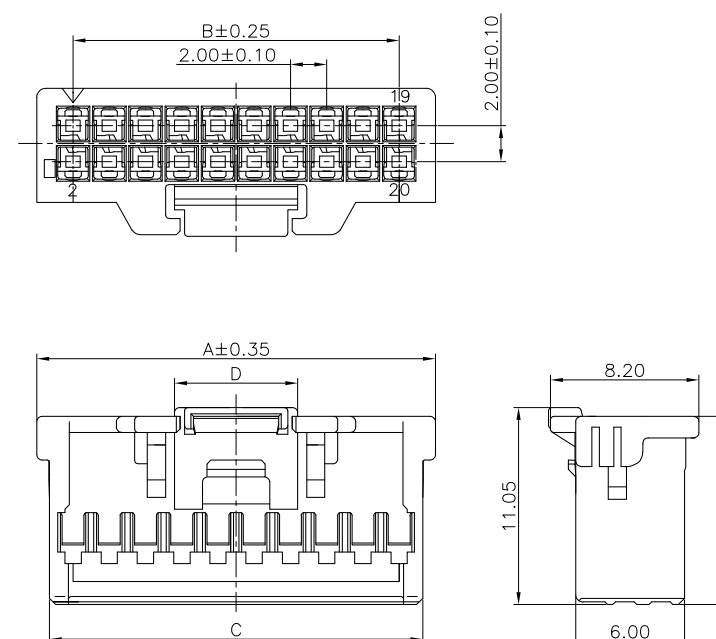
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2036 series housing

SERIES NO: A2036 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2036H1M-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

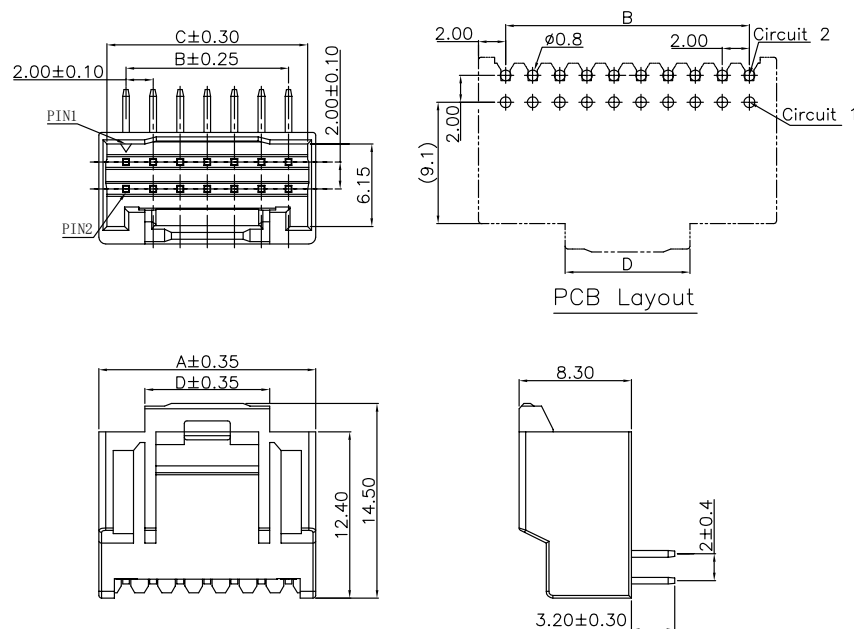
Suitable A2036 series Terminal
Mates With A2036 series Wafer

SERIES NO: A2036 H 1 M-2 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 10~40
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*05	12.0	8.0	10.6	5.1	2*13	28.0	24.0	26.6	6.8
2*06	14.0	10.0	12.6	6.8	2*14	30.0	26.0	28.6	6.8
2*07	16.0	12.0	14.6	6.8	2*15	32.0	28.0	30.6	6.8
2*08	18.0	14.0	16.6	6.8	2*16	34.0	30.0	32.6	6.8
2*09	20.0	16.0	18.6	6.8	2*17	36.0	32.0	34.6	6.8
2*10	22.0	18.0	20.6	6.8	2*18	38.0	34.0	36.6	6.8
2*11	24.0	20.0	22.6	6.8	2*19	40.0	36.0	38.6	6.8
2*12	26.0	22.0	24.6	6.8	2*20	42.0	38.0	40.6	6.8

A2036W9-2XX1XX0

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

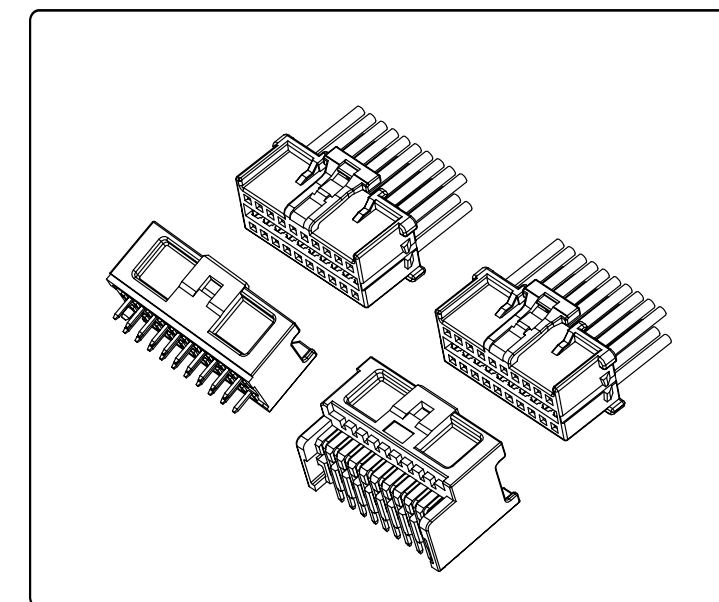
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2036 series housing

SERIES NO: A2036 W 9-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
2*02	6.0	---	4.8	3.2	3.2	2*12	26.0	22.0	24.8	---	22.2
2*03	8.0	4.0	6.8	3.8	4.2	2*13	28.0	24.0	26.8	---	24.2
2*04	10.0	6.0	8.8	5.2	6.2	2*14	30.0	26.0	28.8	---	26.2
2*05	12.0	8.0	10.8	7.3	8.2	2*15	32.0	28.0	30.8	9.2	28.2
2*06	14.0	10.0	12.8	9.2	10.2	2*16	34.0	30.0	32.8	---	30.2
2*07	16.0	12.0	14.8	11.2	12.2	2*17	36.0	32.0	34.8	---	32.2
2*08	18.0	14.0	16.8	13.2	14.2	2*18	38.0	34.0	36.8	---	34.2
2*09	20.0	16.0	18.8	15.2	16.2	2*19	40.0	36.0	38.8	---	36.2
2*10	22.0	18.0	20.8	17.2	18.2	2*20	42.0	38.0	40.8	---	38.2
2*11	24.0	20.0	22.8	19.2	20.2						

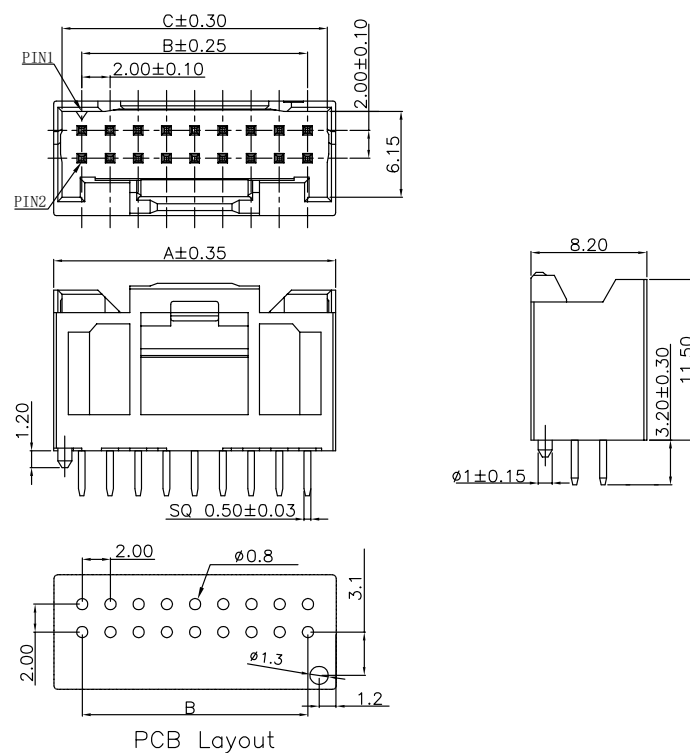


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

A2036W0-2XX1XX0

Pitch 2.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: ALL AU G/F

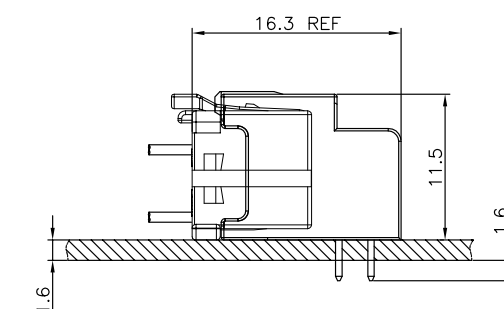
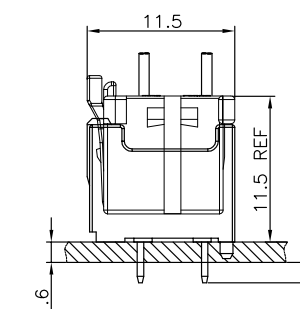
Mates with A2036 series housing

SERIES NO: A2036 W 0-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°, 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~40
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*02	6	---	4.8	2*12	26	22	24.8
2*03	8	4	6.8	2*13	28	24	26.8
2*04	10	6	8.8	2*14	30	26	28.8
2*05	12	8	10.8	2*15	32	28	30.8
2*06	14	10	12.8	2*16	34	30	32.8
2*07	16	12	14.8	2*17	36	32	34.8
2*08	18	14	16.8	2*18	38	34	36.8
2*09	20	16	18.8	2*19	40	36	38.8
2*10	22	18	20.8	2*20	42	38	40.8
2*11	24	20	22.8				

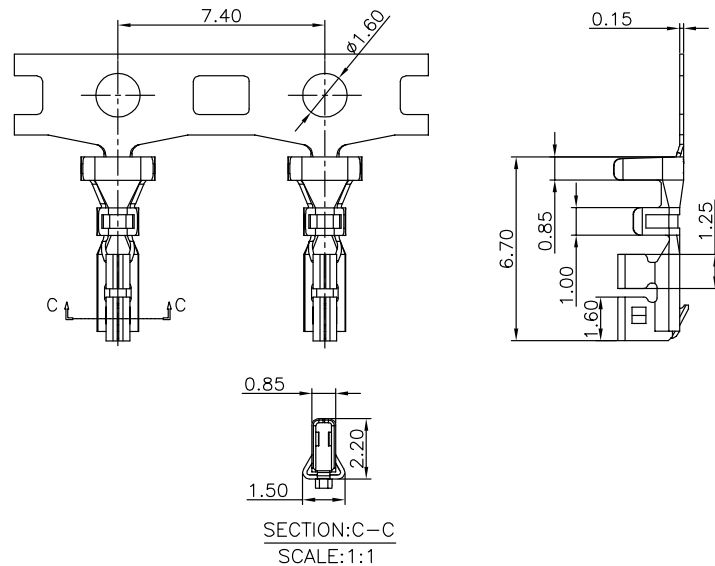
Assembly layout

wire to board



A2039TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

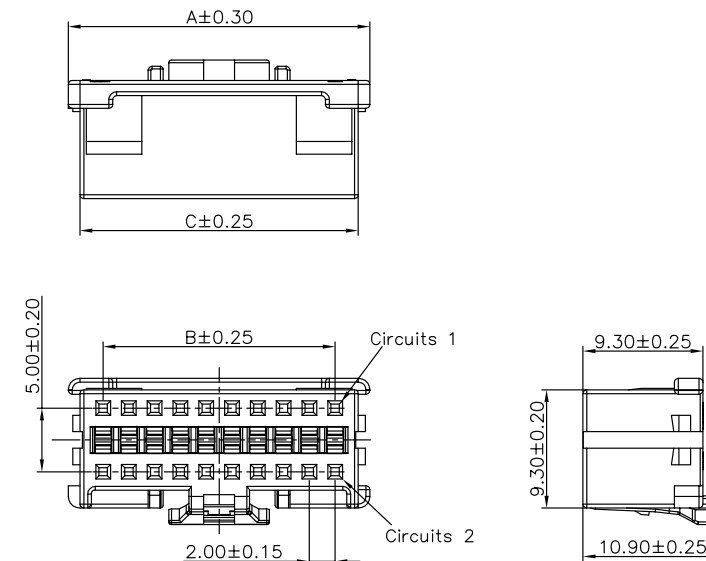
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#28
SUITABLE A2039 series housing

SERIES NO: A2039 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2039HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

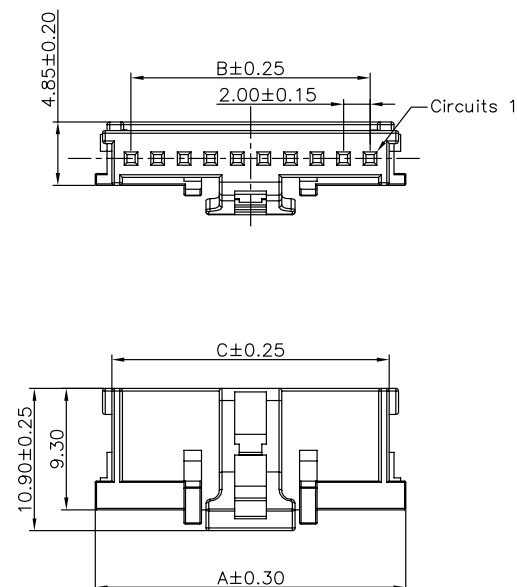
Suitable A2039 series Terminal
Mates With A2039 series Wafer

SERIES NO: A2039 H M-2 XX X 0
COLOR: A-BLACK S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q'PY: 08~40
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*04	11.4	6.0	9.6	2*13	29.4	24.0	27.6
2*05	13.4	8.0	11.6	2*14	31.4	26.0	29.6
2*06	15.4	10.0	13.6	2*15	33.4	28.0	31.6
2*07	17.4	12.0	15.6	2*16	35.4	30.0	33.6
2*08	19.4	14.0	17.6	2*17	37.4	32.0	35.6
2*09	21.4	16.0	19.6	2*18	39.4	34.0	37.6
2*10	23.4	18.0	21.6	2*19	41.4	36.0	39.6
2*11	25.4	20.0	23.6	2*20	43.4	38.0	41.6
2*12	27.4	22.0	25.6				

A2039HM-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

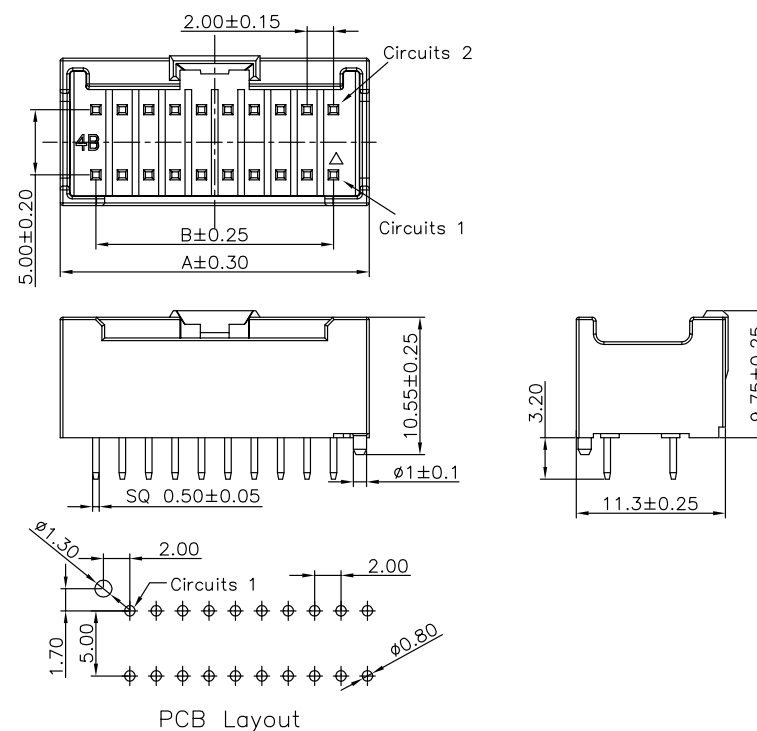
Suitable A2039 series Terminal
Mates With A2039 series Wafer

SERIES NO: A2039 H M-1 XX X 0
COLOR: A-BLACK S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
PIN Q'PY: 02~15
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	7.4	---	4.6	09	21.4	16.0	18.9
03	9.4	4.0	6.9	10	23.4	18.0	20.9
04	11.4	6.0	8.9	11	25.4	20.0	22.9
05	13.4	8.0	10.9	12	27.4	22.0	24.9
06	15.4	10.0	12.9	13	29.4	24.0	26.9
07	17.4	12.0	14.9	14	31.4	26.0	28.9
08	19.4	14.0	16.9	15	33.4	28.0	30.9

A2039W0-2XX1XXX

Pitch 2.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

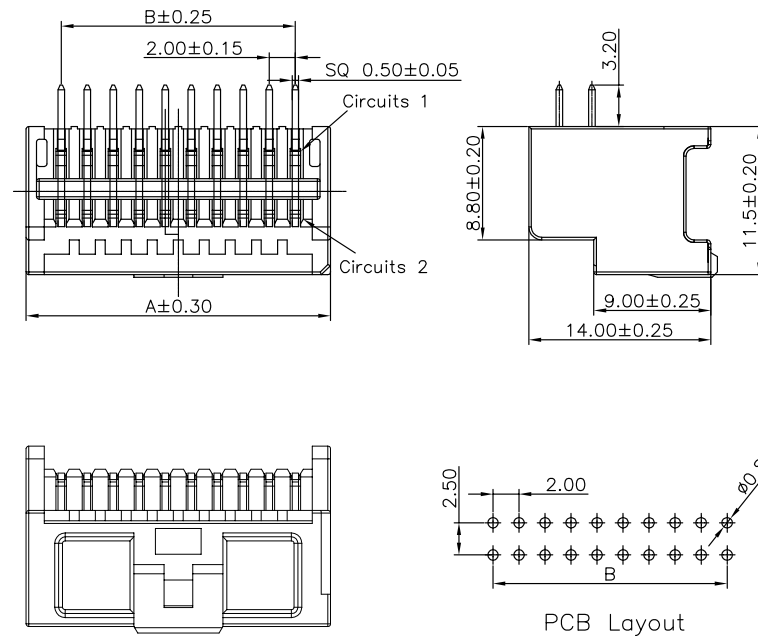
Mates with A2039 series housing

SERIES NO: A2039 W 0-2 XX 1 X X X
WATER CODE: 0-N/A
COLOR: A-BLACK K-WHITE
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~40
TERMINAL POINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*04	11.4	6.0	2*13	29.4	24.0
2*05	13.4	8.0	2*14	31.4	26.0
2*06	15.4	10.0	2*15	33.4	28.0
2*07	17.4	12.0	2*16	35.4	30.0
2*08	19.4	14.0	2*17	37.4	32.0
2*09	21.4	16.0	2*18	39.4	34.0
2*10	23.4	18.0	2*19	41.4	36.0
2*11	25.4	20.0	2*20	43.4	38.0
2*12	27.4	22.0			

A2039W9-2XX1XXX

Pitch 2.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

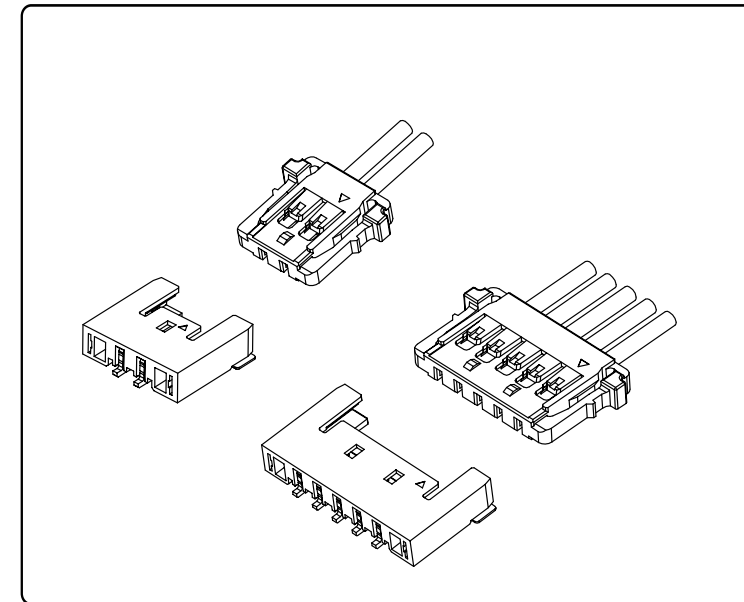
Mates with A2039 series housing

SERIES NO: A2039 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08~40
WATER CODE: 0-N/A
COLOR: A-BLACK, K-WHITE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*04	11.4	6.0	2*13	29.4	24.0
2*05	13.4	8.0	2*14	31.4	26.0
2*06	15.4	10.0	2*15	33.4	28.0
2*07	17.4	12.0	2*16	35.4	30.0
2*08	19.4	14.0	2*17	37.4	32.0
2*09	21.4	16.0	2*18	39.4	34.0
2*10	23.4	18.0	2*19	41.4	36.0
2*11	25.4	20.0	2*20	43.4	38.0
2*12	27.4	22.0			

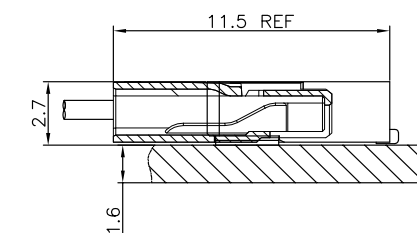
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 6.5A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 800V AC



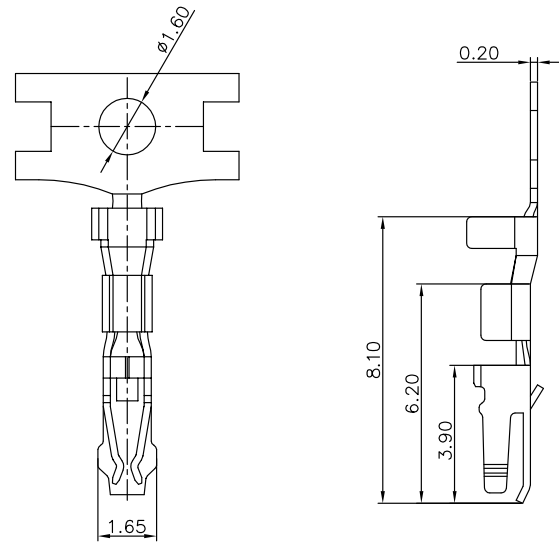
Assembly layout

wire to board



A2040TXFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

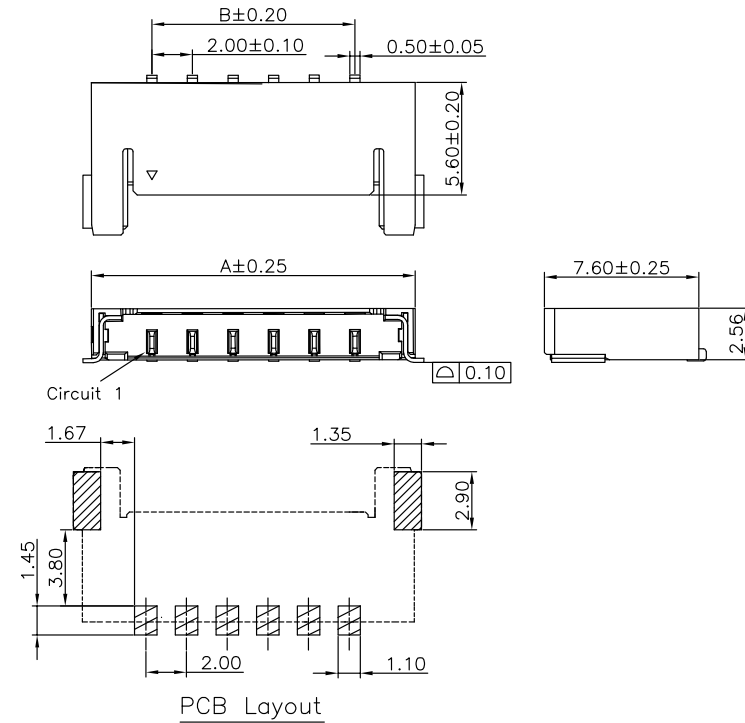
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #20-#26
SUITABLE A2040 series housing

SERIES NO: A2040 T X F X-X
CONNECTOR: T-TERMINAL
ANGLE: 1-AWG#24-26
2-AWG#20-22
MALE FEMALE: F-FEMALE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
F-G/F BRIGHE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS

A2040W9-1XX2XX0

Pitch 2.00mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA4T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:All Au G/F

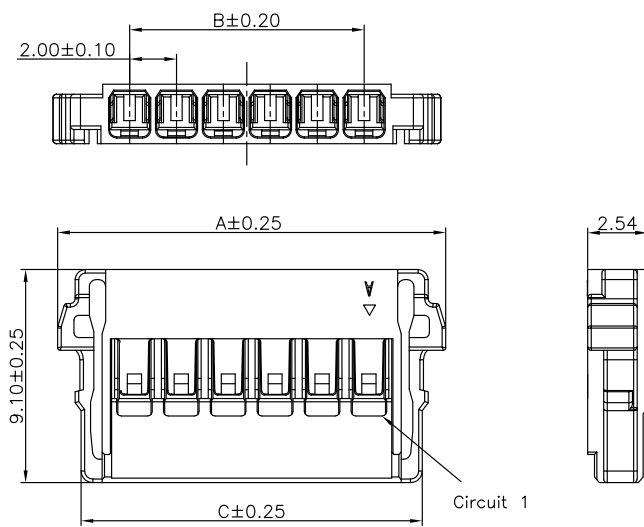
Mates with A2040 series housing

SERIES NO: A2040 W 9-1 XX 2 XX 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~09
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	7.65	---	06	15.95	10.00
03	9.95	4.00	07	17.95	12.00
04	11.95	6.00	08	19.95	14.00
05	13.95	8.00	09	21.95	16.00

A2040HM-1XXX0

Pitch 2.00mm Single row Housing



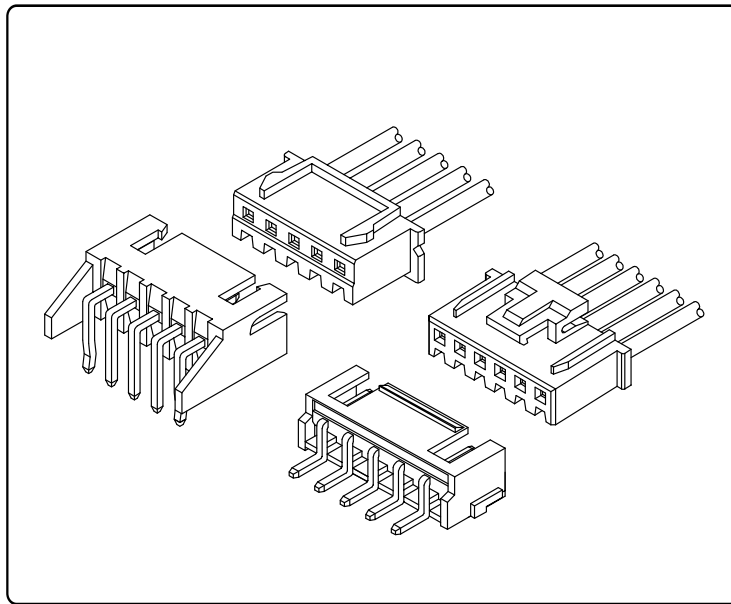
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A2040 series Terminal
Mates With A2040 series Wafer

SERIES NO: A2040 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~16
ANGLE: 0-180°

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	8.55	---	6.55	10	24.55	18.00	22.55
03	10.55	4.00	8.55	11	26.55	20.00	24.55
04	12.55	6.00	10.55	12	28.55	22.00	26.55
05	14.55	8.00	12.55	13	30.55	24.00	28.55
06	16.55	10.00	14.55	14	32.55	26.00	30.55
07	18.55	12.00	16.55	15	34.55	28.00	32.55
08	20.55	14.00	18.55	16	36.55	30.00	34.55
09	22.55	16.00	20.55				

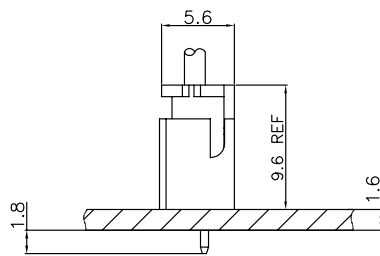


Specifications

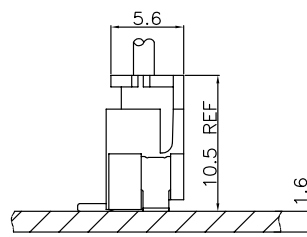
Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

Assembly layout

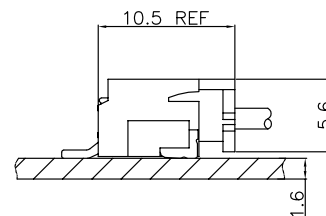
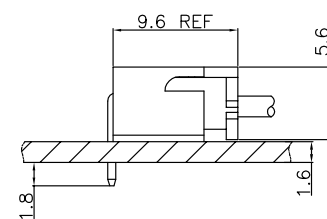
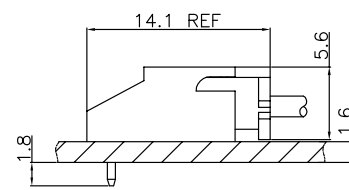
wire to board



Single row DIP Type

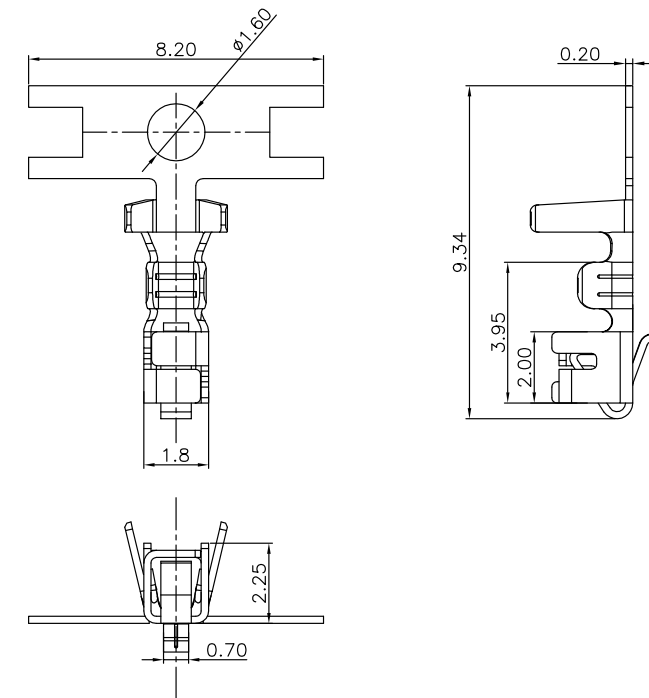


Single row SMT Type



A2501T2FX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

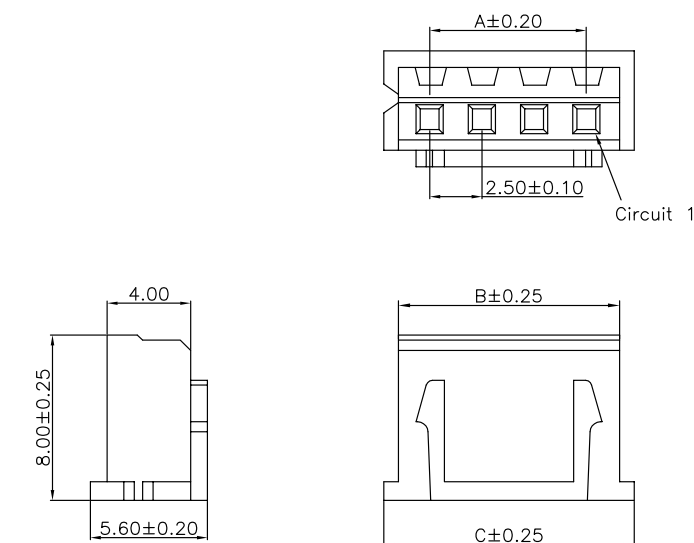
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #26-#32
SUITABLE A2501 series housing

SERIES NO: A2501 T 2 F X-X
CONNECTOR: T-TERMINAL
2-TYPE 2
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2501H2M-1XXXX

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

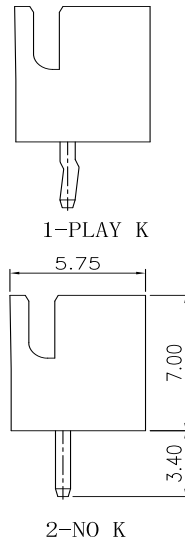
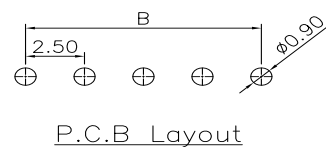
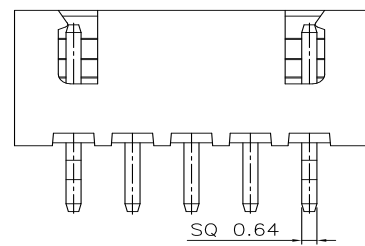
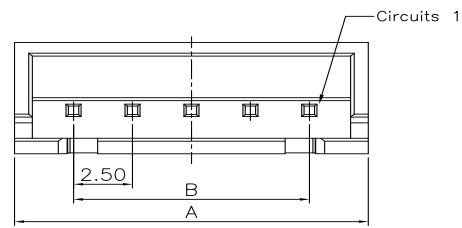
Suitable A2501 series Terminal
Mates With A2501 series Wafer

SERIES NO: A2501 H 2 M-1 XX X X
CONNECTOR: H-HOUSING
2-TYPE 2
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.60	7.30	10	22.50	25.60	27.30
03	5.00	8.10	9.80	11	25.00	28.10	29.80
04	7.50	10.60	12.30	12	27.50	30.60	32.30
05	10.00	13.10	14.80	13	30.00	33.10	34.80
06	12.50	15.60	17.30	14	32.50	35.60	37.30
07	15.00	18.10	19.80	15	35.00	38.10	39.80
08	17.50	20.60	22.30	16	37.50	40.60	42.30
09	20.00	23.10	24.80				

A2501W0-1XX1XXX

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
TERMIPOINT: 1-DIP

CHARACTERISTIC:
1-PLAY K
2-NO K

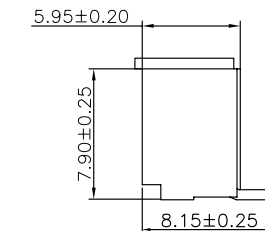
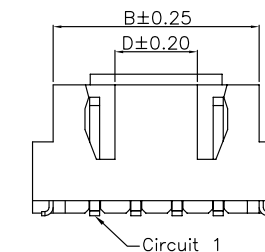
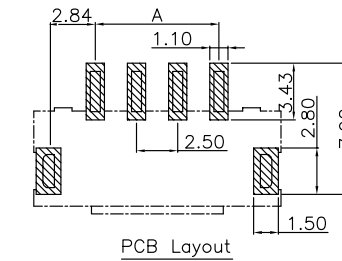
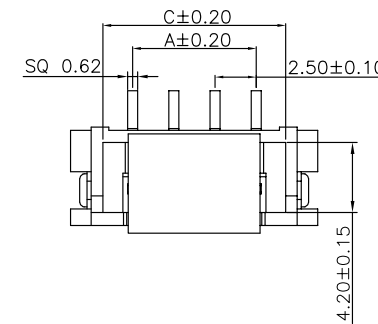
COLOR:
A-BLACK
K-WHITE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			

A2501W01-1XX2XX0

Pitch 2.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 0 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

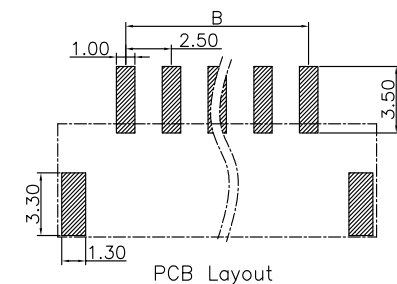
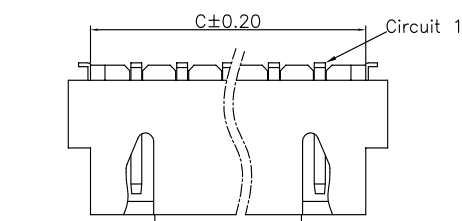
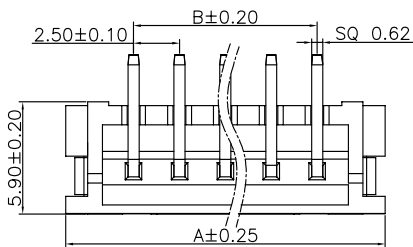
TERMIPOINT:
2-SMT

PIN Q'PY:
02~16

Circuits	Dimensions(mm)				Circuits	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	7.50	6.0	---	10	22.5	27.5	26.0	20.0
03	5.0	10.0	8.5	2.5	11	25.0	30.0	28.5	22.5
04	7.5	12.5	11.0	5.0	12	27.5	32.5	31.0	25.0
05	10.0	15.0	13.5	7.5	13	30.0	35.0	33.5	27.5
06	12.5	17.5	16.0	10.0	14	32.5	37.5	36.0	30.0
07	15.0	20.0	18.5	12.5	15	35.0	40.0	38.5	32.5
08	17.5	22.5	21.0	15.0	16	37.5	42.5	41.0	35.0
09	20.0	25.0	23.5	17.5					

A2501W0-1XX2XXX

Pitch 2.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16
TERMIPOINT: 2-SMT

MATERIAL:
1-LCP
2-PA9T

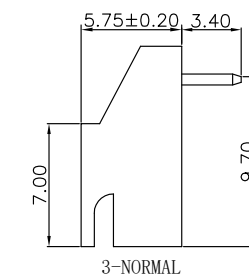
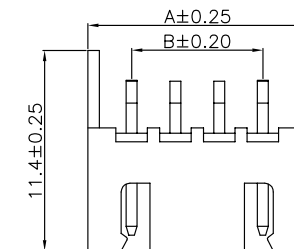
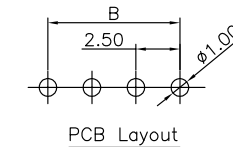
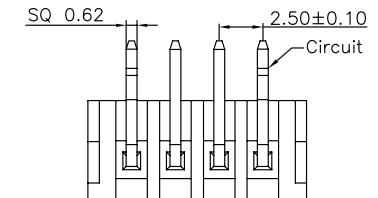
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	9.90	---	7.50	10	29.90	22.50	27.50
03	12.40	5.00	10.00	11	32.40	25.00	30.00
04	14.90	7.50	12.50	12	34.90	27.50	32.50
05	17.40	10.00	15.00	13	37.40	30.00	35.00
06	19.90	12.50	17.50	14	39.90	32.50	37.50
07	22.40	15.00	20.00	15	42.40	35.00	40.00
08	24.90	17.50	22.50	16	44.90	37.50	42.50
09	27.40	20.00	25.00				

A2501W9-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

CHARACTERISTIC:
1-POSITIVE K
2-REVERSE K
3-NORMAL

COLOR:
A-BLACK
K-WHITE

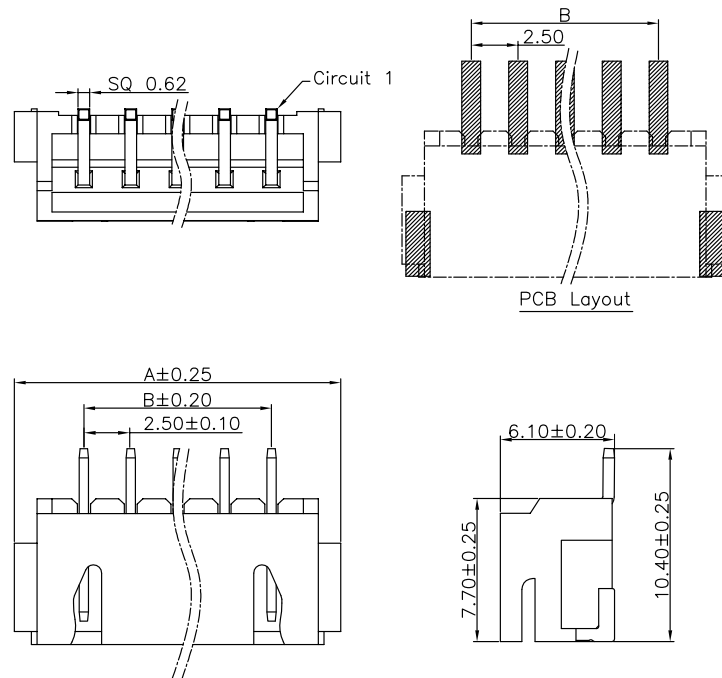
PLATING:
A-ALL AU G/F
C-BRIGHT TIN

TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			

A2501W9-1XX2XXX

Pitch 2.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

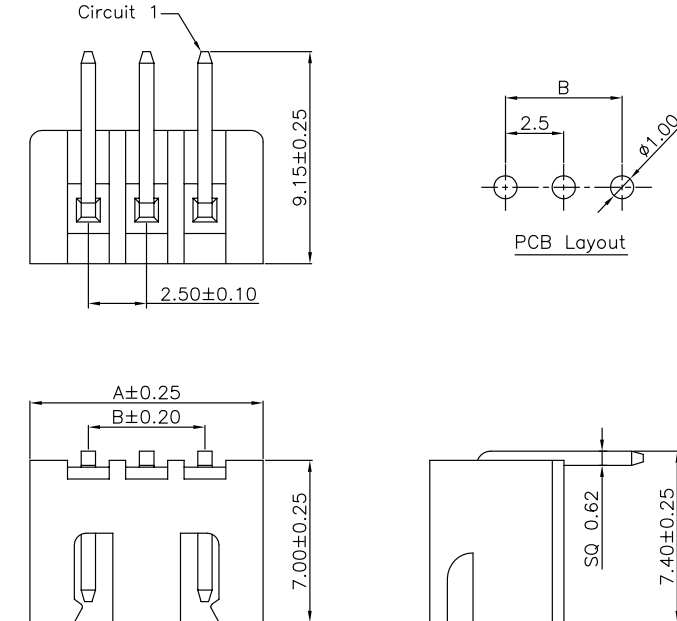
SERIES NO: A2501 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
TERMIPOINT: 2-SMT

HOUSING:
1.PA9T HF
2.LCP HF
3.PA9T
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	9.90	---	10	29.90	22.50
03	12.40	5.00	11	32.40	25.00
04	14.90	7.50	12	34.90	27.50
05	17.40	10.00	13	37.40	30.00
06	22.40	12.50	14	39.90	32.50
07	22.40	15.00	15	42.40	35.00
08	24.90	17.50	16	44.90	37.50
09	27.40	20.00			

A2501W93-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

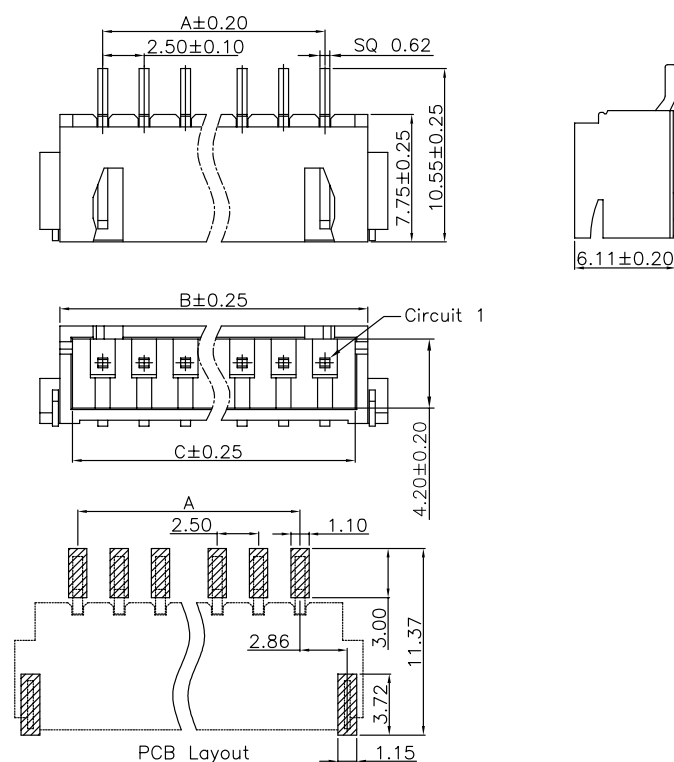
SERIES NO: A2501 W 9 3-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 3-TYPE 3
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16

CHARACTERISTIC:
0-NORMAL
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	7.50	---	10	27.50	22.50
03	10.00	5.00	11	30.00	25.00
04	12.50	7.50	12	32.50	27.50
05	15.00	10.00	13	35.00	30.00
06	17.50	12.50	14	37.50	32.50
07	20.00	15.00	15	40.00	35.00
08	22.50	17.50	16	42.50	37.50
09	25.00	20.00			

A2501W91-1XX2XX0

Pitch 2.50mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

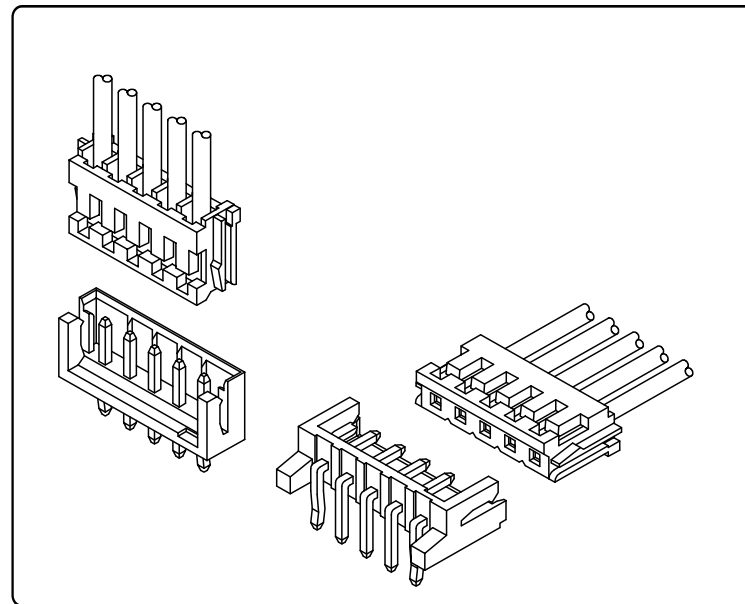
PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2501 series housing

SERIES NO: A2501 W 9 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
2-SMT
PIN Q' PY:
02~16

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	---	7.50	6.00	10	22.50	27.50	26.00
03	5.00	10.00	8.50	11	25.00	30.00	28.50
04	7.50	12.50	11.00	12	27.50	32.50	31.00
05	10.00	15.00	13.50	13	30.00	35.00	33.50
06	12.50	17.50	16.00	14	32.50	37.50	36.00
07	15.00	20.00	18.50	15	35.00	40.00	38.50
08	17.50	22.50	21.00	16	37.50	42.50	41.00
09	20.00	25.00	23.50				

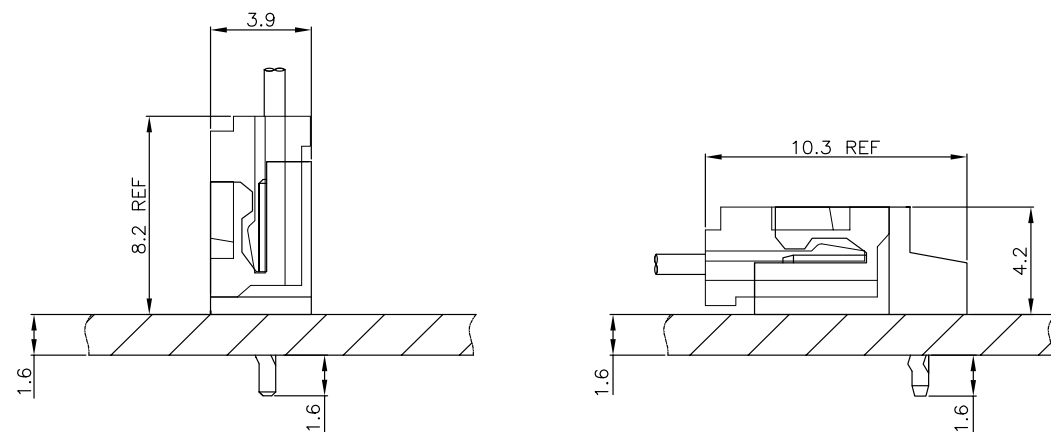


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 250V
 Current rating: 3A
 Contact resistance: $10\text{m}\Omega$ Max
 Insulation resistance: $1000\text{M}\Omega$ Min
 Withstand voltage: 800V AC

Assembly layout

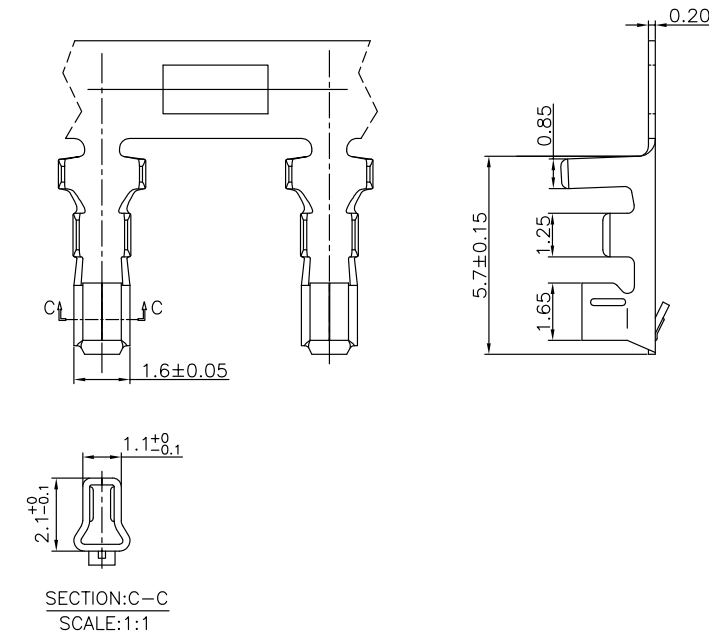
wire to board



DIP Type

A2502TFX-X

Pitch 2.50mm Terminal

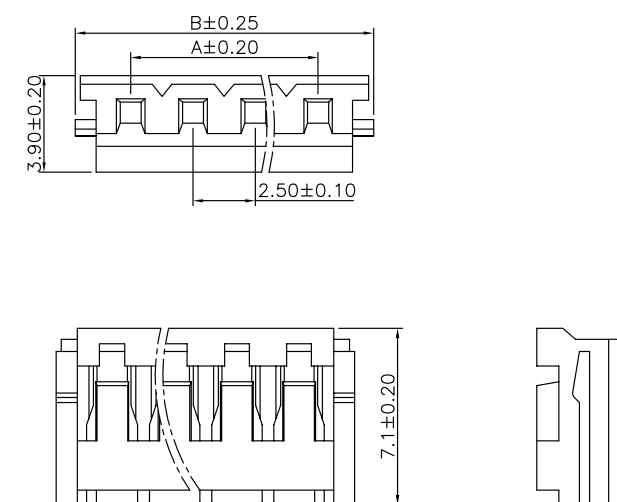


Specifications

MATERIAL SPECIFICATION:
 Terminal: Phosphor Bronze
 PLATING SPECIFICATION:
 Bright tin
 APPLICABLE WIRES:AWG #22-#30
 SUITABLE A2502 series housing
 SERIES NO: A2502 T F X-X
 CONNECTOR: T-TERMINAL
 MALE FEMALE: F-FEMALE M-MALE
 PLATING:
 A-ALL AU G/F
 C-BRIGHT TIN
 D-MATTE TIN
 METAL:
 P-PHOSPHOR BRONZE
 B-BRASS

A2502HM-1XXX0

Pitch 2.50mm Single row Housing



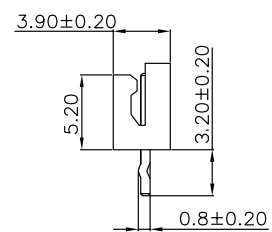
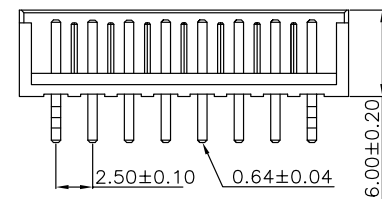
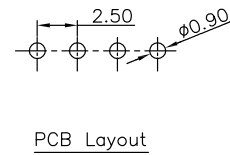
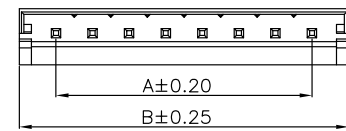
Specifications

MATERIAL SPECIFICATION:
 Housing: PA66,94V-0
 Suitable A2502 series Terminal
 Mates With A2502 series Wafer
 SERIES NO: A2502 H M-1 XX X 0
 CONNECTOR: H-HOUSING
 MALE FEMALE: M-MALE
 COLOR:
 A-BLACK
 K-WHITE
 PIN Q' PY:
 02~16
 ROW NO:
 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.00	10	22.50	27.00
03	5.00	9.50	11	25.00	29.50
04	7.50	12.00	12	27.50	32.00
05	10.00	14.50	13	30.00	34.50
06	12.50	17.00	14	32.50	37.00
07	15.00	19.50	15	35.00	39.50
08	17.50	22.00	16	37.50	42.00
09	20.00	24.50			

A2502W0-1XX1XXX

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2502 series housing

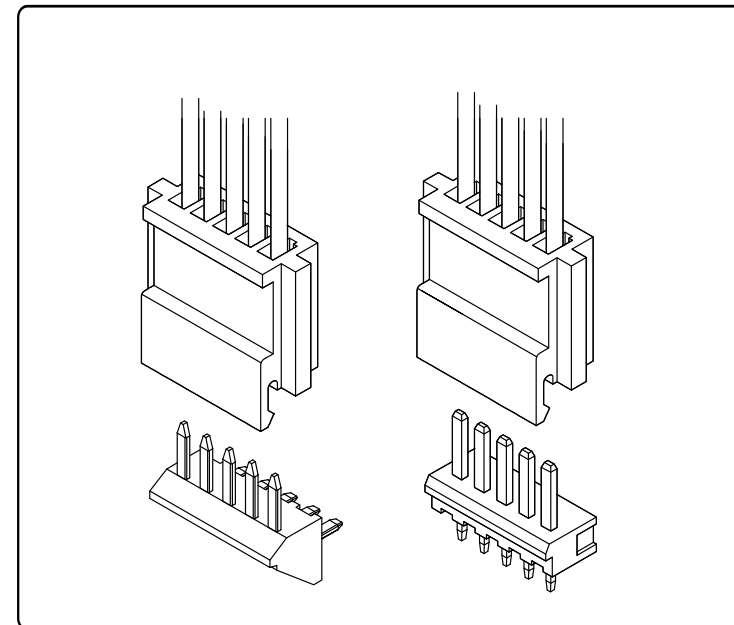
SERIES NO: A2502 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15

MATERIAL:
0-PA66
1-PA66+15%
COLOUR:
A-Black
S-Nature
G-BLUE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.50	09	20.0	25.0
03	5.00	10.0	10	22.5	27.5
04	7.50	12.5	11	25.0	30.0
05	10.0	15.0	12	27.5	32.5
06	12.5	17.5	13	30.0	35.0
07	15.0	20.0	14	32.5	37.5
08	17.5	22.5	15	35.0	40.0

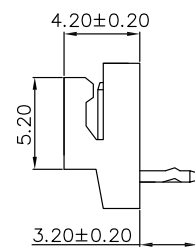
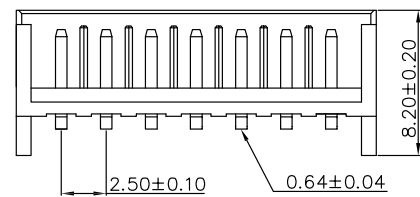
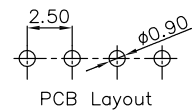
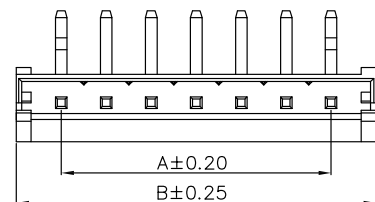
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC



A2502W9-1XX1XX0

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2502 series housing

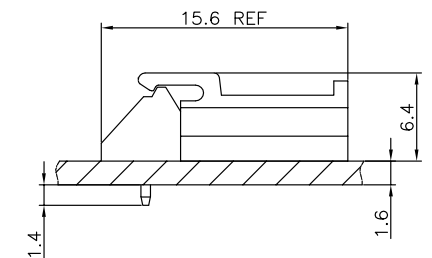
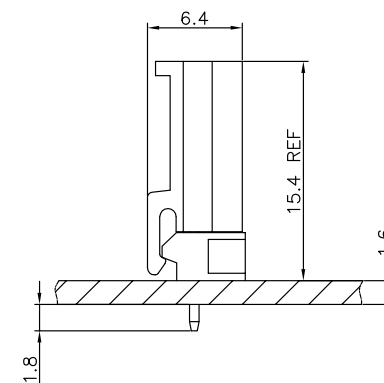
SERIES NO: A2502 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15

COLOUR:
A-Black
K-White
S-Nature
G-BLUE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.50	09	20.0	25.0
03	5.00	10.0	10	22.5	27.5
04	7.50	12.5	11	25.0	30.0
05	10.0	15.0	12	27.5	32.5
06	12.5	17.5	13	30.0	35.0
07	15.0	20.0	14	32.5	37.5
08	17.5	22.5	15	35.0	40.0

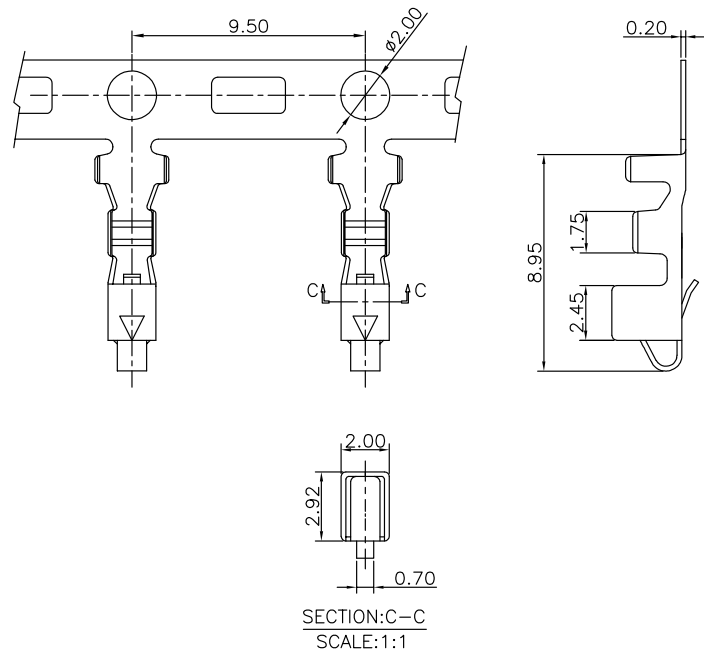
Assembly layout

wire to board



A2504T1FX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

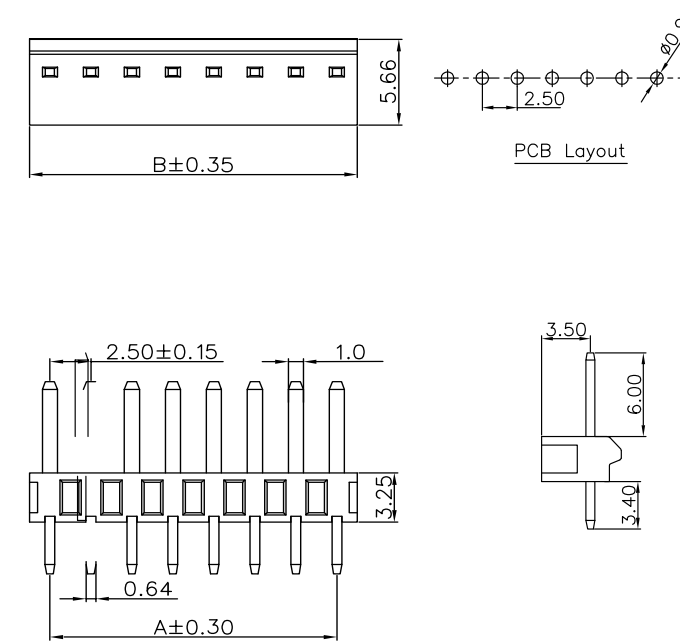
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2504 series housing

SERIES NO: A2504 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE:
F-FEMALE
M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2504W0-1XX1XX

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

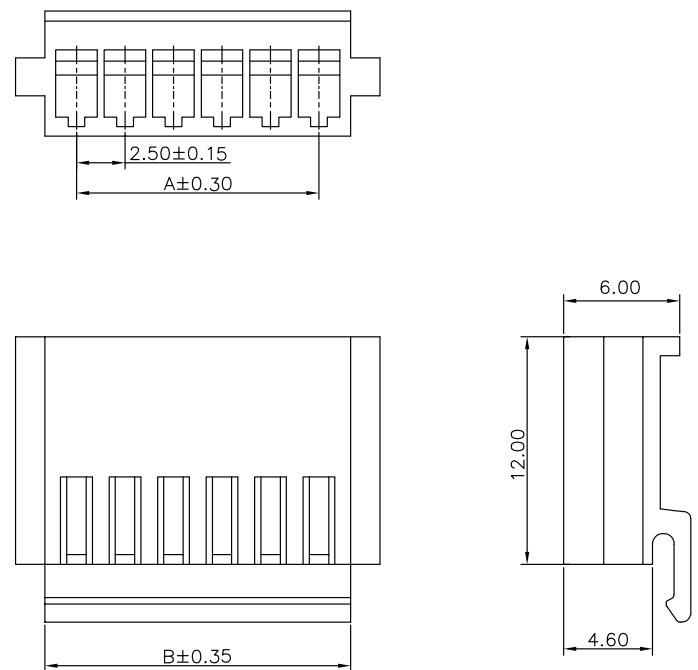
Mates with A2504 series housing

SERIES NO: A2504 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-DOUBLE ROW
PIN Q'PY: 02~16
WATER CODE
0-N/A
COLOR:
C-RED
G-BLUE
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
02	---	10	22.5
03	5.0	11	25.0
04	7.5	12	27.5
05	10.0	13	30.0
06	12.5	14	32.5
07	15.0	15	35.0
08	17.5	16	37.5
09	20.0	16	40.0

A2504H1M-1XXXX

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PBT,94V-0

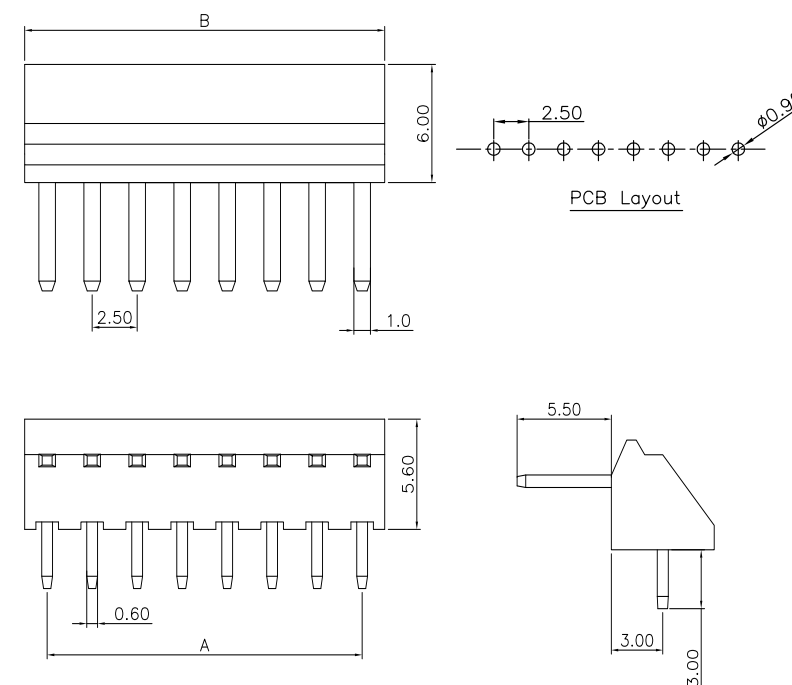
Suitable A2504 series Terminal
Mates With A2504 series Wafer

SERIES NO: A2504 H 1 M-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE1
MALE FEMALE:
M-MALE
F-FEMALE
HOUSING:
1-PA66
2-PBT
COLOR:
C-RED
G-BLUE
S-NATURE
PIN Q'PY:
02~25

Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
02	---	14	32.50
03	5.00	15	35.00
04	7.50	16	37.50
05	10.00	17	40.00
06	12.50	18	42.50
07	15.00	19	45.00
08	17.50	20	47.50
09	20.00	21	50.00
10	22.50	22	52.50
11	25.00	23	55.00
12	27.50	24	57.50
13	30.00	25	60.00

A2504W9-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

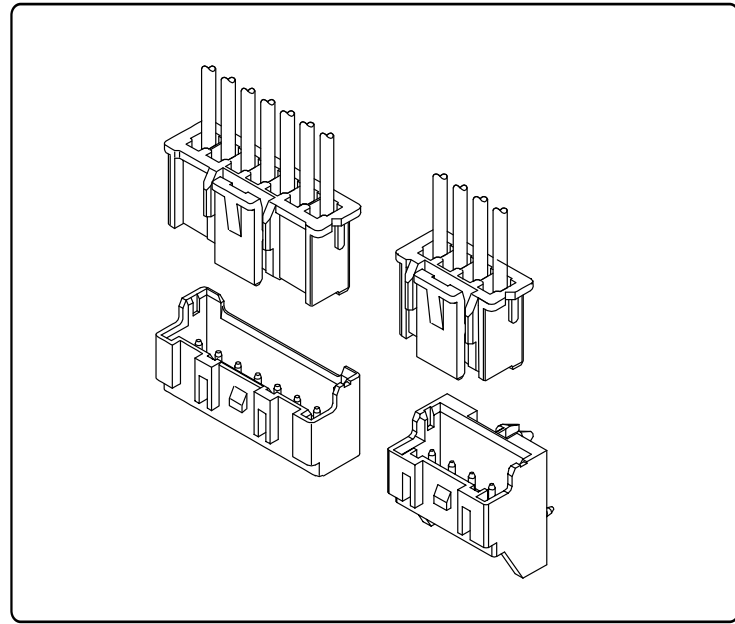
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A2504 series housing

SERIES NO: A2504 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-DOUBLE ROW
PIN Q'PY: 02~16
WATER CODE
0-N/A
COLOR:
C-RED
G-BLUE
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
02	---	10	22.5
03	5.0	11	25.0
04	7.5	12	27.5
05	10.0	13	30.0
06	12.5	14	32.5
07	15.0	15	35.0
08	17.5	16	37.5
09	20.0	16	40.0

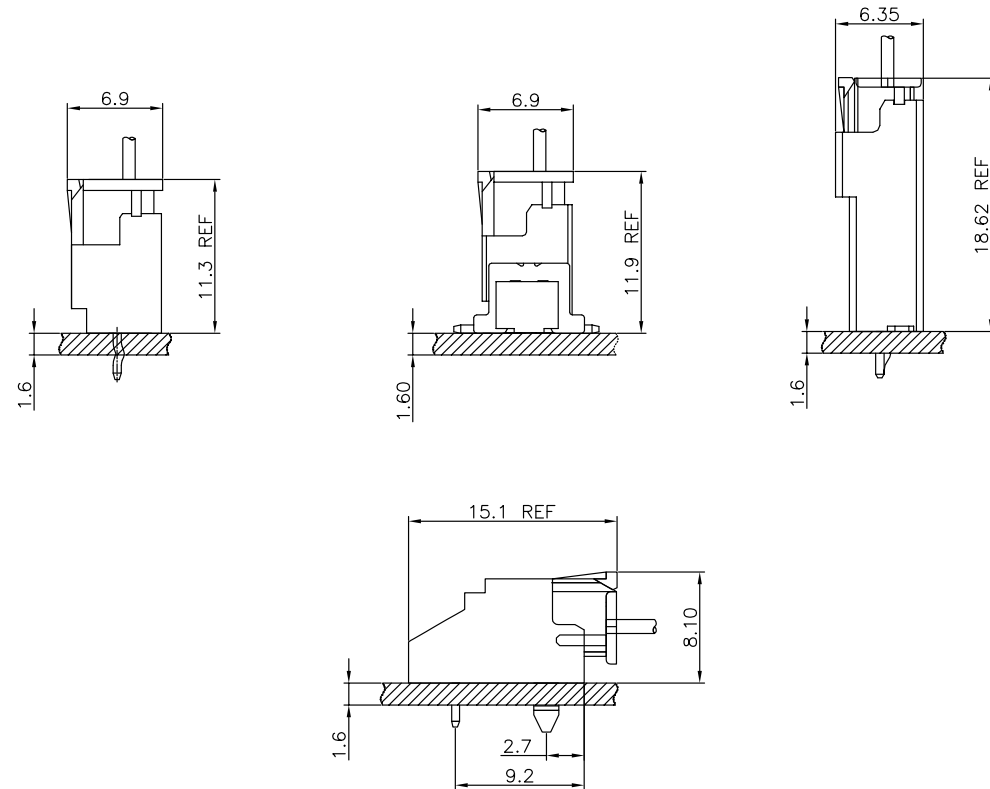


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

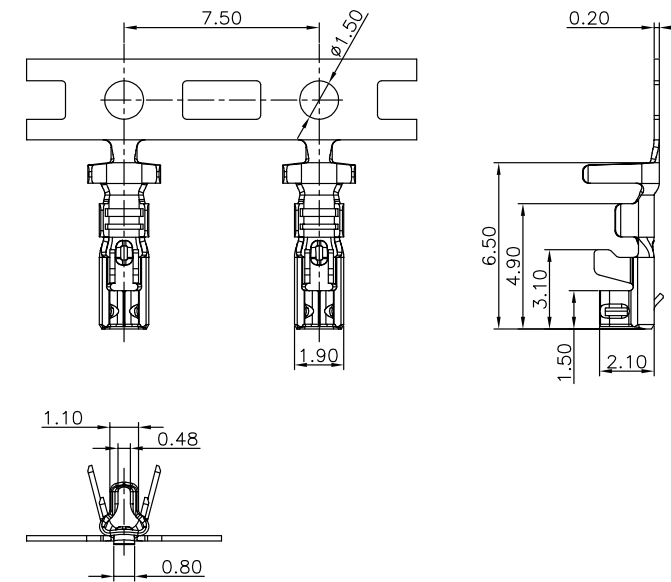
Assembly layout

wire to board



A2508T3FX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

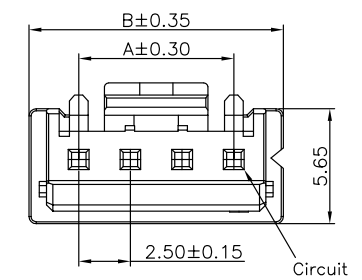
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#28
SUITABLE A2508 series housing

SERIES NO: A2508 T 3 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE: X-X
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2508H3M-1XXXX

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

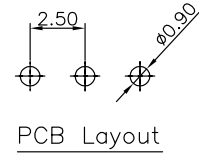
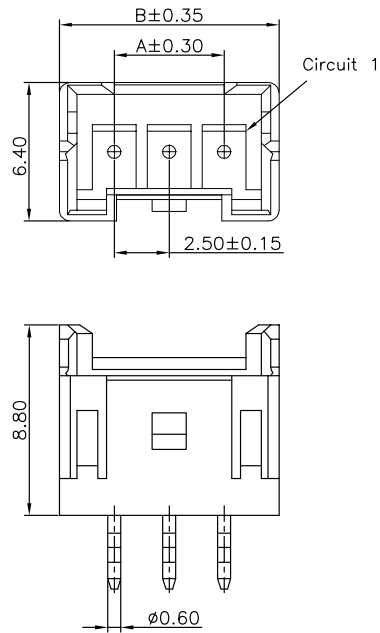
Suitable A2508 series Terminal
Mates With A2508 series Wafer

SERIES NO: A2508 H 3 M-1 XX X X
CONNECTOR: H-HOUSING
3-TYPE CODE: M-1
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK K-WHITE
PIN Q'PY: 02~15

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.30	09	20.00	24.80
03	5.00	9.80	10	22.50	27.30
04	7.50	12.30	11	25.00	29.80
05	10.00	14.80	12	27.50	32.30
06	12.50	17.30	13	30.00	34.80
07	15.00	19.80	14	32.50	37.30
08	17.50	22.30	15	35.00	39.80

A2508W02-1XX1XX1

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

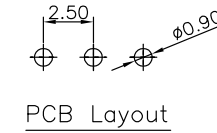
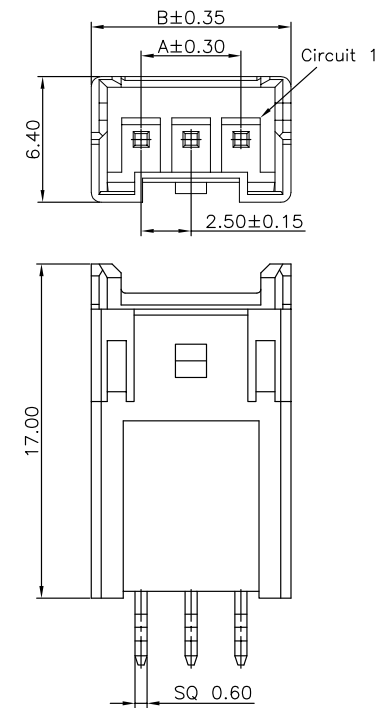
Mates with A2508 series housing

SERIES NO: A2508 W 0 2-1 XX 1 X 1
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, B-BROWN, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 02~15

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.50	08	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

A2508W02-1XX1XX3

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

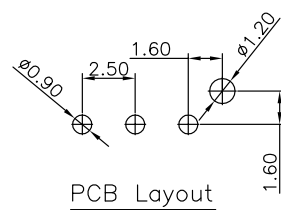
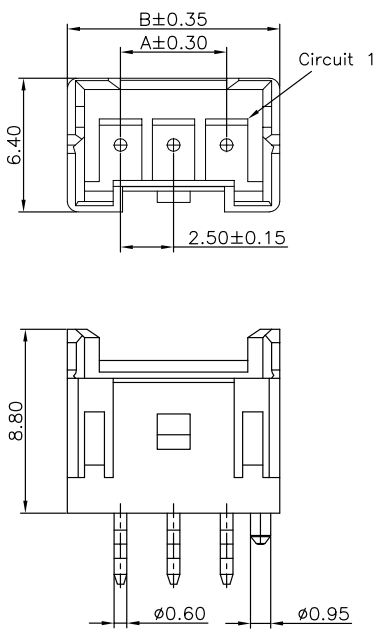
Mates with A2508 series housing

SERIES NO: A2508 W 0 2-1 XX 1 X 3
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, B-BROWN, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 02~15

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.50	08	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

A2508W02-1XX1XX2

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

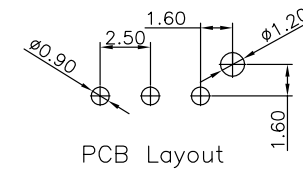
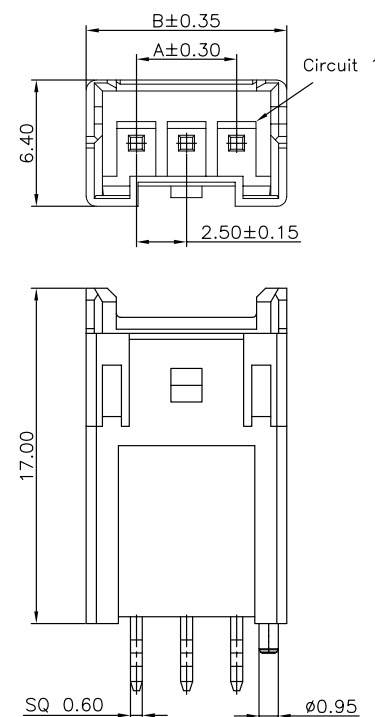
Mates with A2508 series housing

SERIES NO: A2508 W 0 2-1 XX 1 X 2
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, B-BROWN, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 02~15

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.50	08	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

A2508W02-1XX1XX4

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

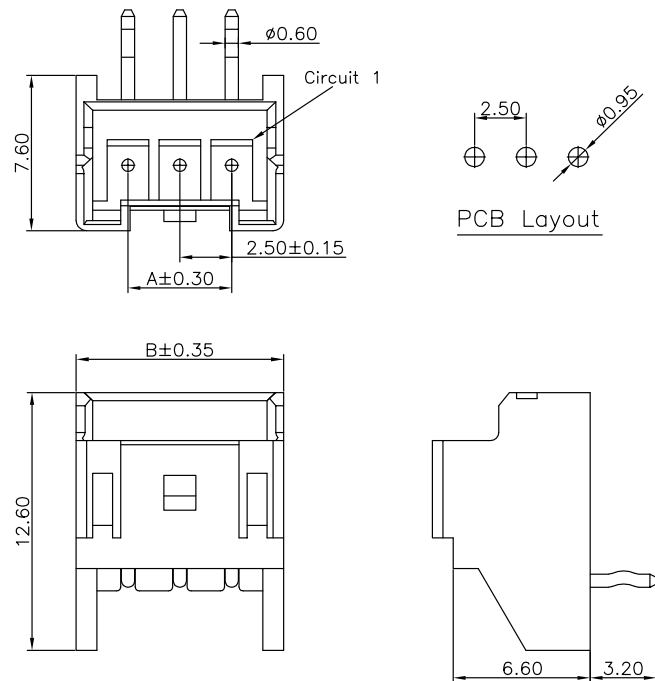
Mates with A2508 series housing

SERIES NO: A2508 W 0 2-1 XX 1 X 4
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, B-BROWN, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 02~15

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.50	08	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

A2508W94-1XX1XX1

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2508 series housing

SERIES NO: A2508 W 9 4-1 XX 1 X X 1
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 4-TYPE 4
ROW NO: 1-SINGLE ROW

COLOR:
A-BLACK
B-BROWN
S-NATURE

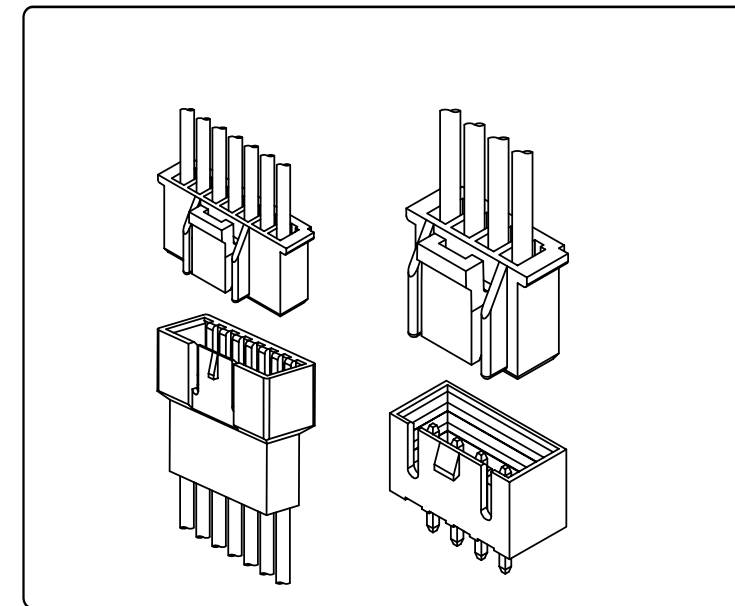
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP
PIN Q'PY:
02~15

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.50	08	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

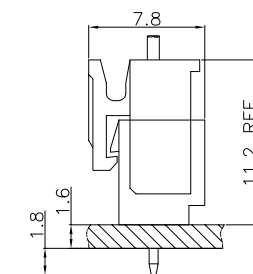
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

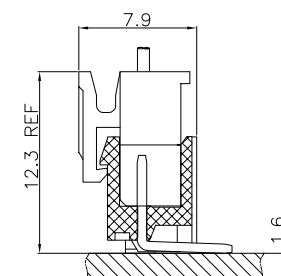


Assembly layout

wire to board

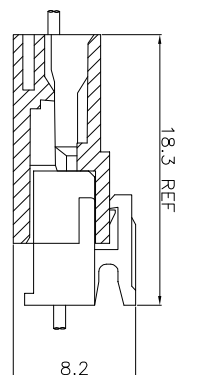


DIP Type



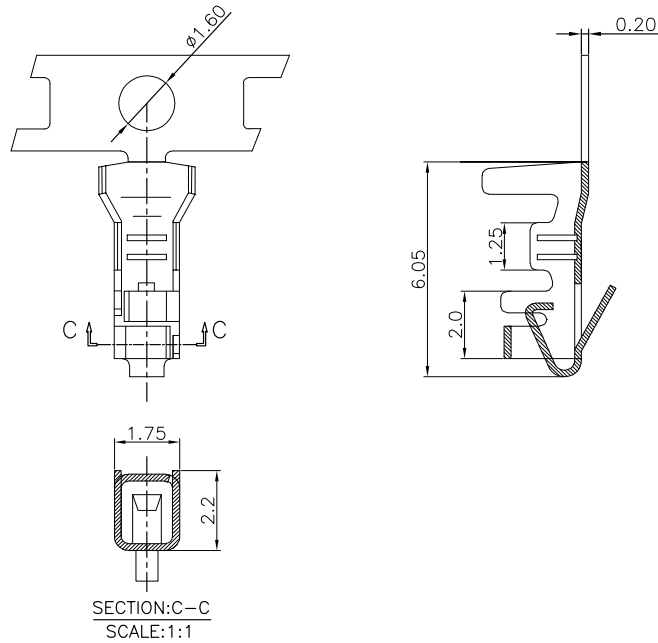
SMT Type

wire to wire



A2509TFX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

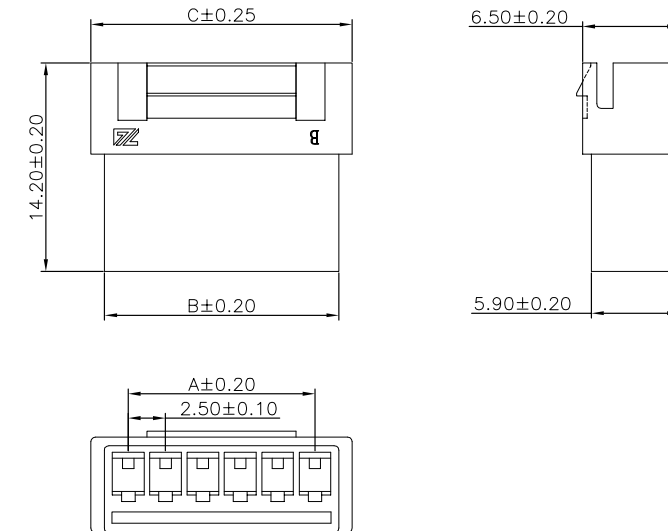
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #26-#28
SUITABLE A2509 series Male housing

SERIES NO: A2509 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2509HF-1XXX0

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

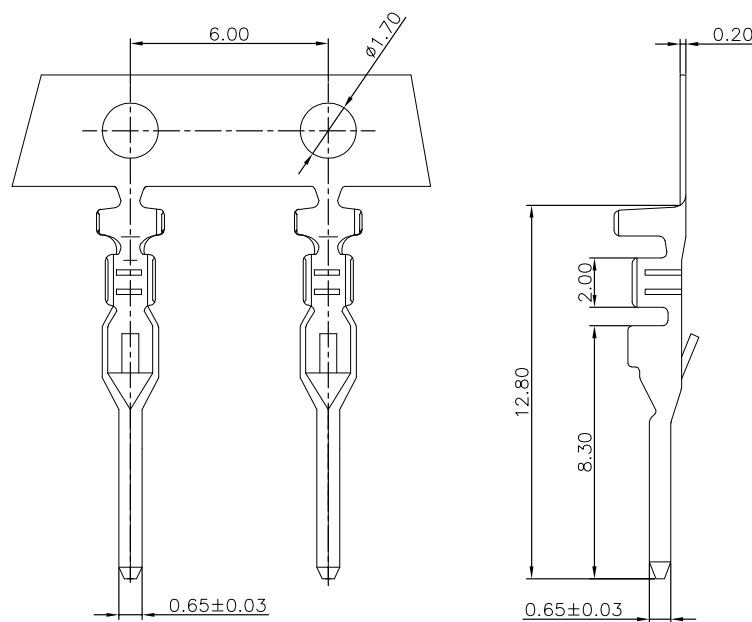
Suitable A2509 series Terminal
Mates With A2509 series Male housing

SERIES NO: A2509 H F-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.7	7.50	10	22.5	25.7	27.5
03	5.0	8.2	10.0	11	25.0	28.2	30.0
04	7.5	10.7	12.5	12	27.5	30.7	32.5
05	10.0	13.2	15.0	13	30.0	33.2	35.0
06	12.5	15.7	17.5	14	32.5	35.7	37.5
07	15.0	18.2	20.0	15	35.0	38.2	40.0
08	17.5	20.7	22.5	16	37.5	40.7	42.5
09	20.0	23.2	25.0				

A2509TMX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

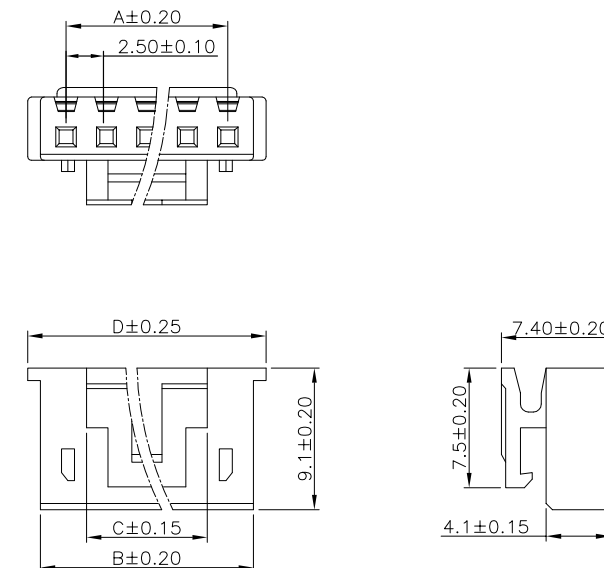
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #26-#28
SUITABLE A2509 series Female housing

SERIES NO: A2509 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2509HM-1XXX0

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

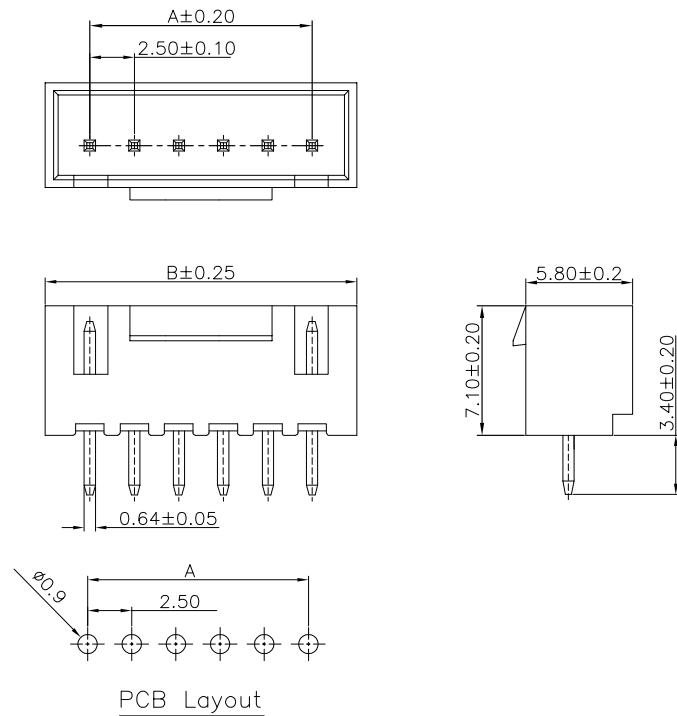
Suitable A2509 series Terminal
Mates With A2509 series Wafer

SERIES NO: A2509 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2	---	5.8	4.95	7.4	10	22.5	25.8	19.95	27.4
3	5.0	8.3	4.95	9.9	11	25.0	28.3	22.45	29.9
4	7.5	10.8	4.95	12.4	12	27.5	30.8	24.95	32.4
5	10.0	13.3	7.45	14.9	13	30.0	33.3	27.45	34.9
6	12.5	15.8	9.95	17.4	14	32.5	35.8	29.95	37.4
7	15.0	18.3	12.45	19.9	15	35.0	38.3	32.45	39.9
8	17.5	20.8	14.95	22.4	16	37.5	40.8	34.95	42.4
9	20.0	23.3	17.45	24.9					

A2509W0-1XX1XX0

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

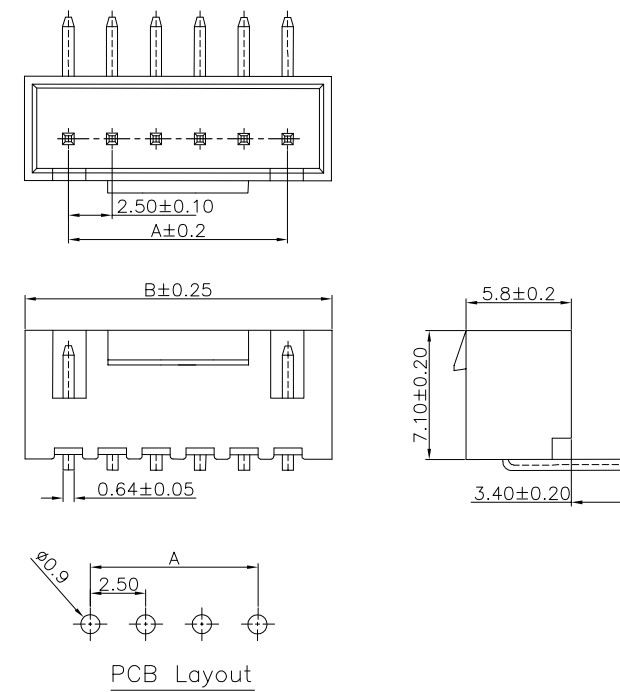
Mates with A2509 series housing

SERIES NO: A2509 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~14
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50			

A2509W9-1XX1XX0

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

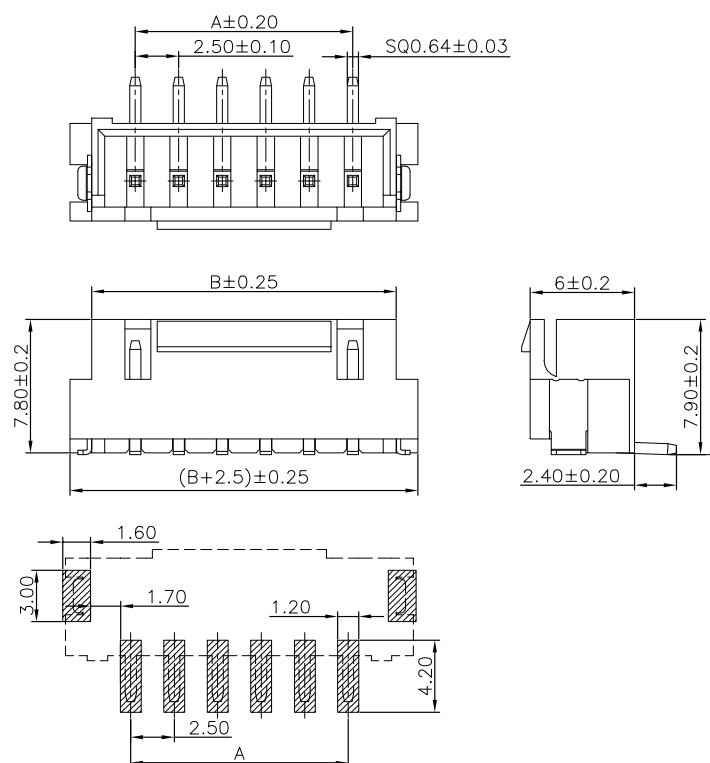
Mates with A2509 series housing

SERIES NO: A2509 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~14
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50			

A2509W0-1XX2XXX

Pitch 2.50mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

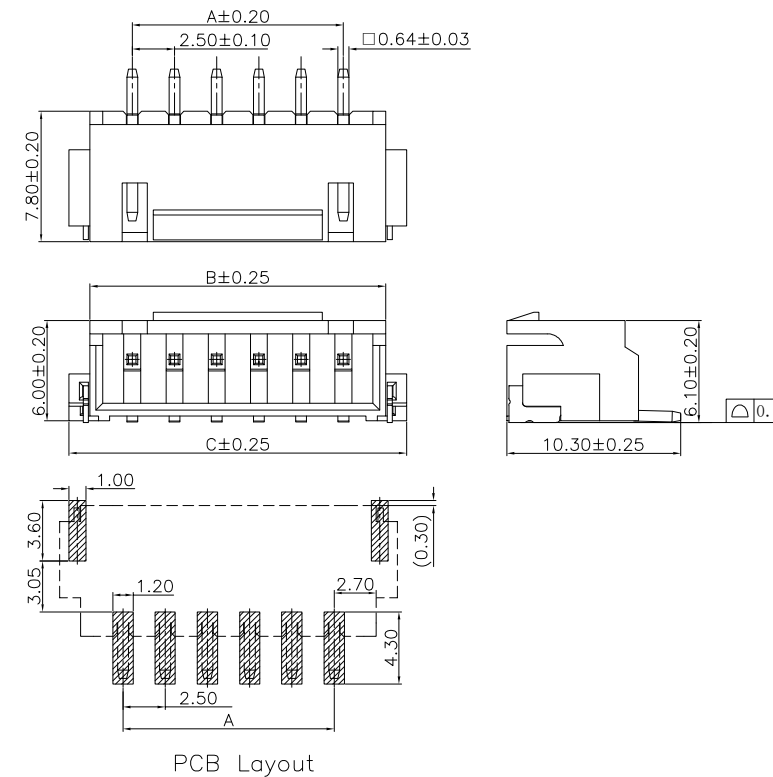
Mates with A2509 series housing

SERIES NO: A2509 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~20
PACKAGE SPEC: 0-CAP+REEL
1-BAG
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00
08	17.50	22.50	20	47.50	52.50

A2509W9-1XX2XX0

Pitch 2.50mm 90° Single row SMT Wafer



Specifications

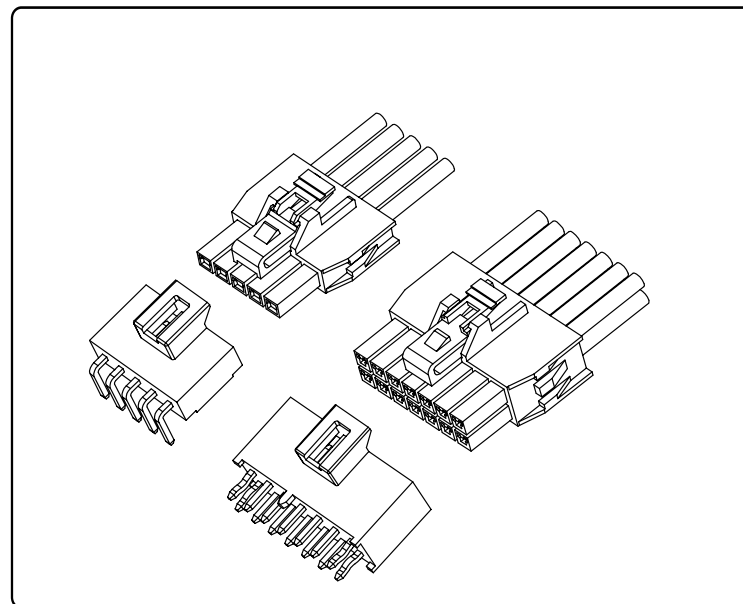
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2509 series housing

SERIES NO: A2509 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~16
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	7.50	10.00	10	22.50	27.50	30.00
03	5.00	10.00	12.50	11	25.00	30.00	32.50
04	7.50	12.50	15.00	12	27.50	32.50	35.00
05	10.00	15.00	17.50	13	30.00	35.00	37.50
06	12.50	17.50	20.00	14	32.50	37.50	40.00
07	15.00	20.00	22.50	15	35.00	40.00	42.50
08	17.50	22.50	25.00	16	37.50	42.50	45.00
09	20.00	25.00	27.50				

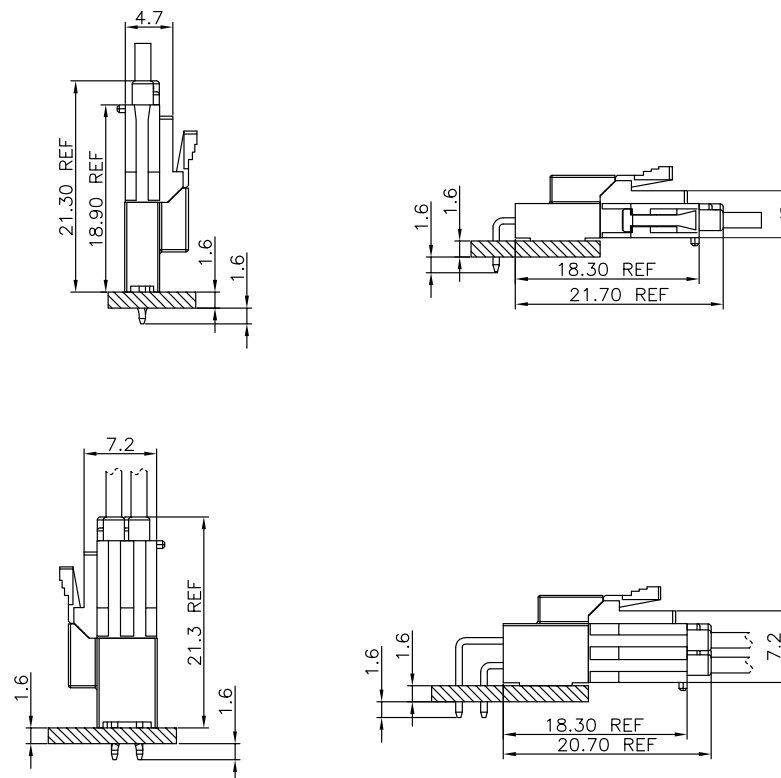


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 8A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

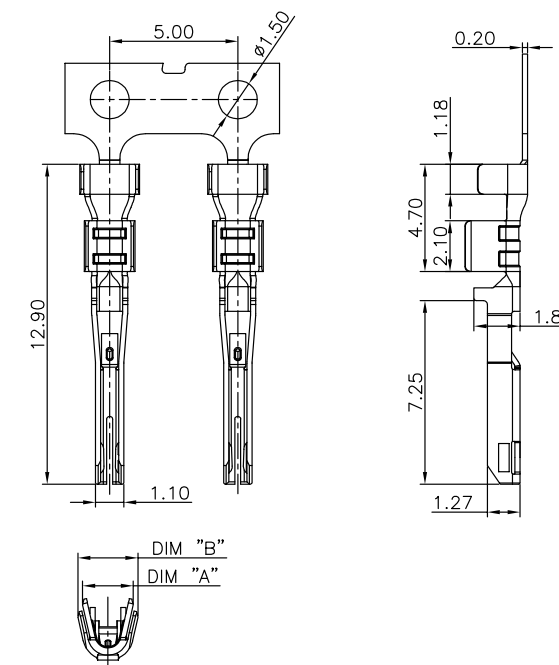
Assembly layout

wire to board



A2514TXFX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: High Conductivity Copper

PLATING SPECIFICATION:
Bright tin

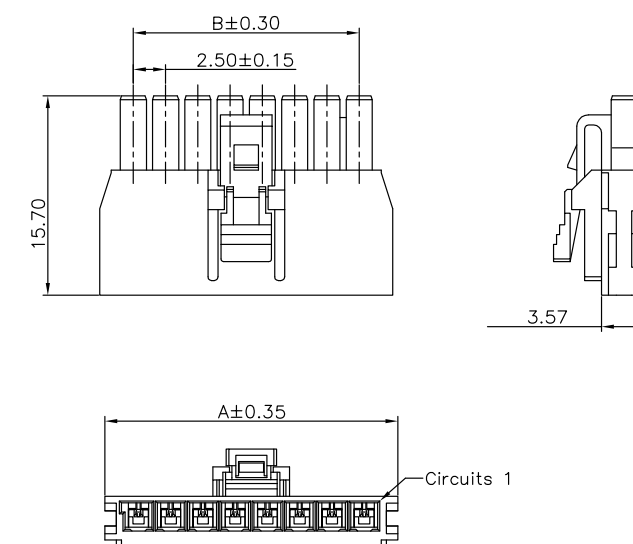
APPLICABLE WIRES:AWG #20~#26
SUITABLE A2514 series housing

SERIES NO: A2514 T X F X-X
CONNECTOR: T-TERMINAL
Wire range: 1-#20~#22
2-#24~#26
MALE FEMALE: F-FEMALE
M-MALE
PLATING: 1-G/F
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
H-HIGH CONDUCTIVITY
COPPER

Part NO	Wire range	DIM A	DIM B
1	#20~#22	1.50	2.15
2	#24~#26	1.40	2.15

A2514HM-1XXXX

Pitch 2.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0

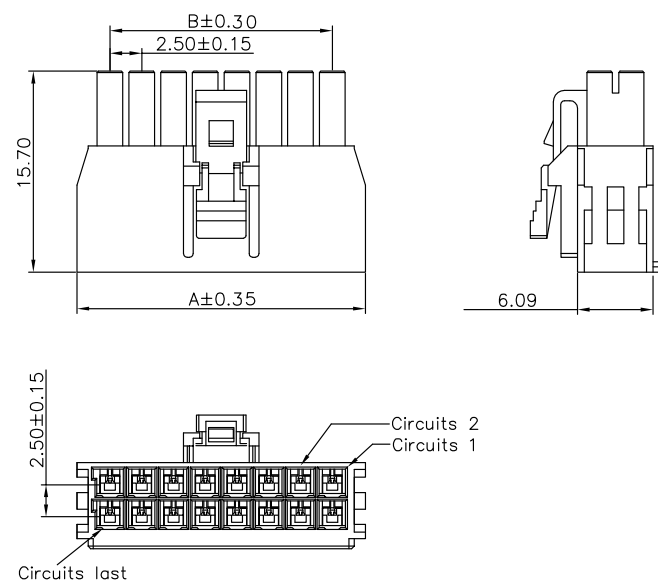
Suitable A2514 series Terminal
Mates With A2514 series Wafer

SERIES NO: A2514 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~08

Circuits	Dimensions(mm)	
	A	B
02	7.70	---
03	10.20	5.00
04	12.70	7.50
05	15.20	10.00
06	17.70	12.50
07	20.20	15.00
08	22.70	17.50

A2514HM-2XXXX

Pitch 2.50mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA46,94V-0

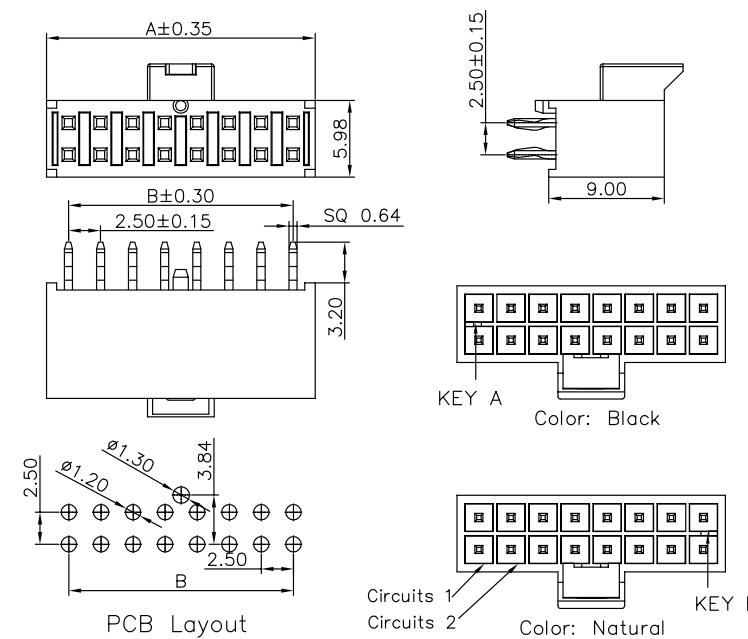
Suitable A2514 series Terminal
Mates With A2514 series Wafer

SERIES NO: A2514 H M-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 2-DOUBLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 04~16

Circuits	Dimensions(mm)	
	A	B
2*02	7.70	---
2*03	10.20	5.00
2*04	12.70	7.50
2*05	15.20	10.00
2*06	17.70	12.50
2*07	20.20	15.00
2*08	22.70	17.50

A2514W0-2XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP/PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:All Au G/F

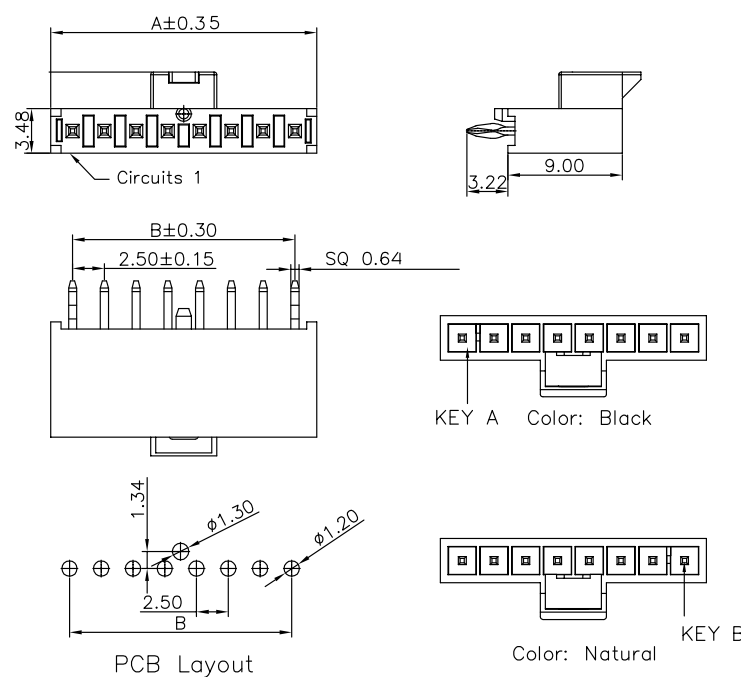
Mates with A2514 series housing

SERIES NO: A2514 W 0-2 XX 1 X X X
CONNECTOR: W-WAFER
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~16
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
2*02	5.94	---
2*03	8.44	5.00
2*04	10.94	7.50
2*05	13.44	10.00
2*06	15.94	12.50
2*07	18.44	15.00
2*08	20.94	17.50

A2514W0-1XX1XXX

Pitch 2.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

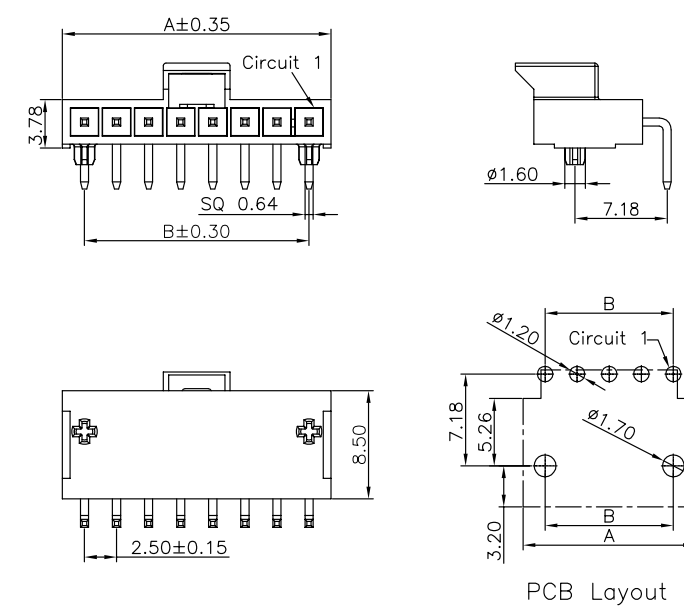
Mates with A2514 series housing

SERIES NO: A2514 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~08
WATER CODE: 0-N/A
COLOR: A-BLACK (KEY A) S-NATURE (KEY B)
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
02	5.94	---
03	8.44	5.00
04	10.94	7.50
05	13.44	10.00
06	15.94	12.50
07	18.44	15.00
08	20.94	17.50

A2514W9-1XX1XXX

Pitch 2.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

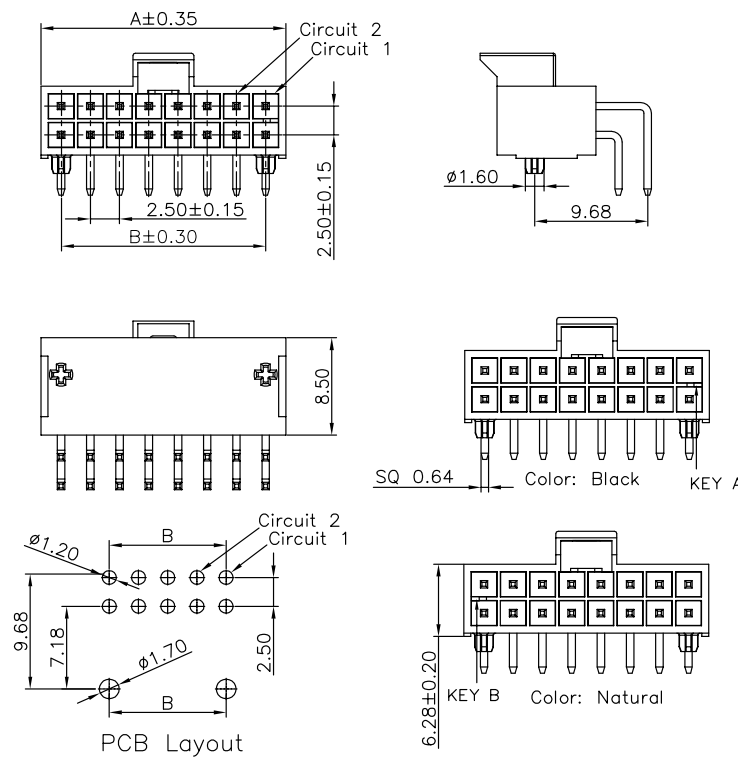
Mates with A2514 series housing

SERIES NO: A2514 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~08
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
02	5.94	---
03	8.44	5.00
04	10.94	7.50
05	13.44	10.00
06	15.94	12.50
07	18.44	15.00
08	20.94	17.50

A2514W9-2XX1XXX

Pitch 2.50mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

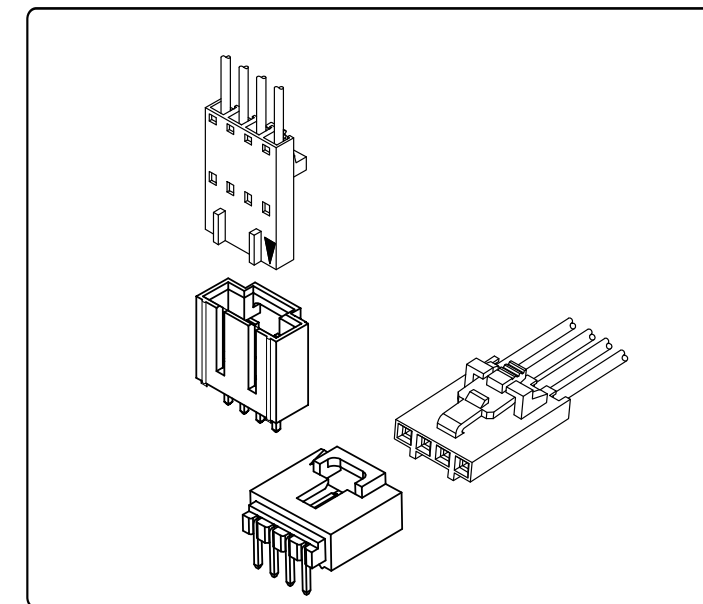
Mates with A2514 series housing

SERIES NO: A2514 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~16
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
2*02	5.94	---
2*03	8.44	5.00
2*04	10.94	7.50
2*05	13.44	10.00
2*06	15.94	12.50
2*07	18.44	15.00
2*08	20.94	17.50

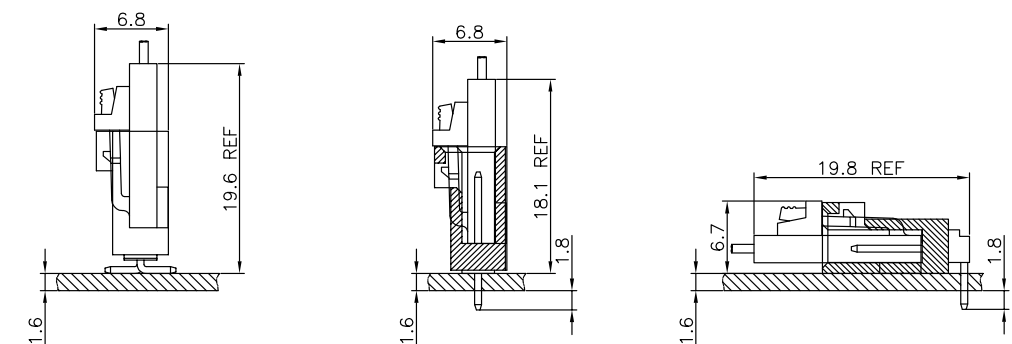
Specifications

Temperature range: -25°C~+85°C
Voltage rating:250V
Current rating:3A
Contact resistance:20mΩ Max
Insulation resistance:1000MΩ Min
Withstand voltage:1500V AC

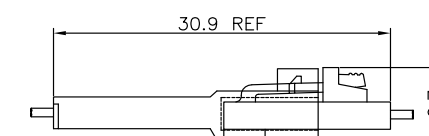


Assembly layout

wire to board

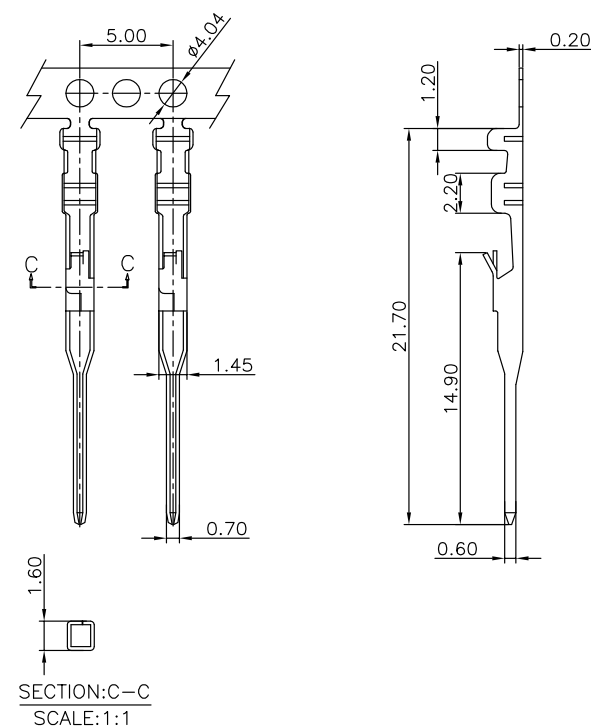


wire to wire



A2547TMX-X

Pitch 2.54mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

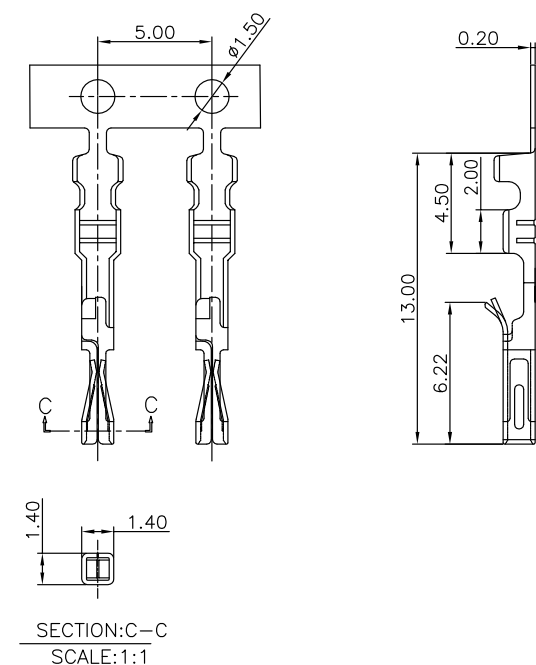
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#24
SUITABLE A2547 series Female housing

SERIES NO: A2547 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F C-BRIGHE TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2547T1FX-X

Pitch 2.54mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

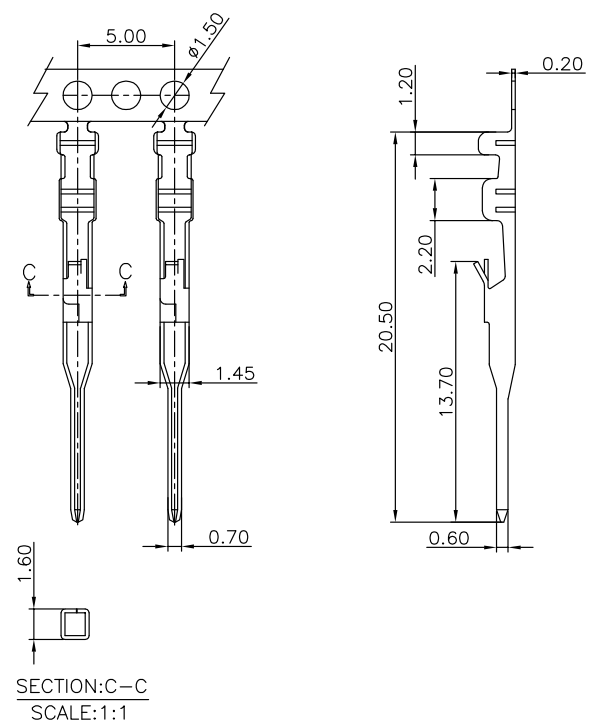
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2547 series Male housing

SERIES NO: A2547 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2547T1MX-X

Pitch 2.54mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

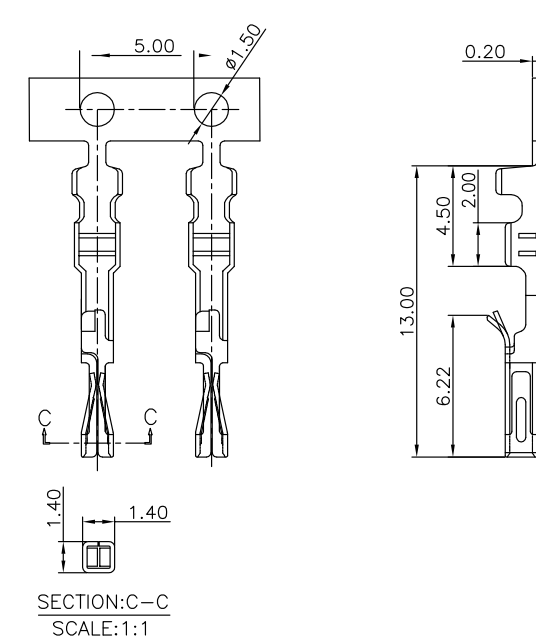
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#24
SUITABLE A2547 series Female housing

SERIES NO: A2547 T 1 M X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F C-BRIGHE TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2547T2FX-X

Pitch 2.54mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

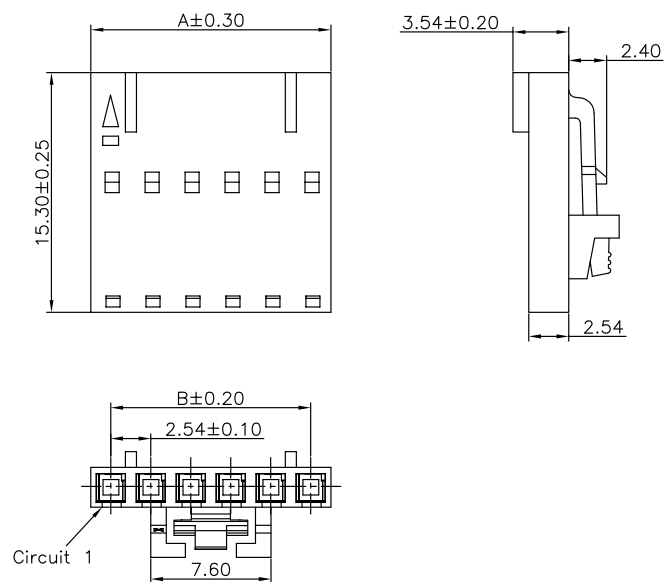
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE A2547 series Male housing

SERIES NO: A2547 T 2 F X-X
CONNECTOR: T-TERMINAL
2-TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

A2547HM-1XXX0

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

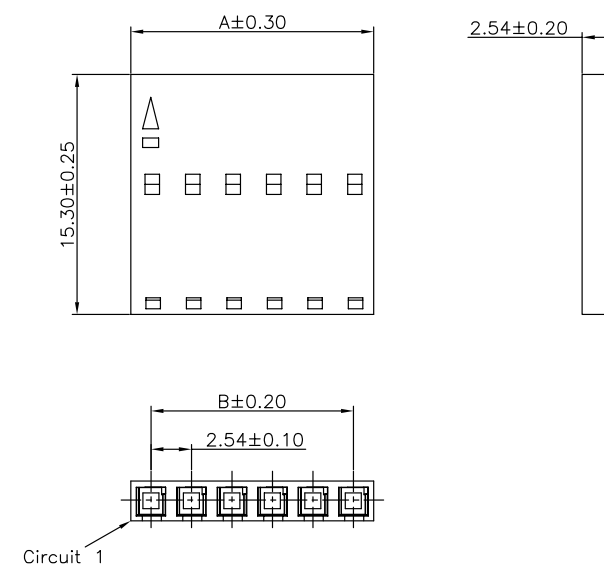
Suitable A2547 series Terminal
Mates With A2547 series Wafer

A2547 H M-1 XX X 0
SERIES NO: A-BLACK
S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q' PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	5.08	---	11	27.94	25.40
03	7.62	5.08	12	30.48	27.94
04	10.16	7.62	13	33.02	30.48
05	12.70	10.16	14	35.56	33.02
06	15.24	12.70	15	38.10	35.56
07	17.78	15.24	16	40.64	38.10
08	20.32	17.78	17	43.10	40.64
09	22.86	20.32	18	45.64	43.18
10	25.40	22.86	20	50.72	48.26

A2547H2M-1XXX0

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

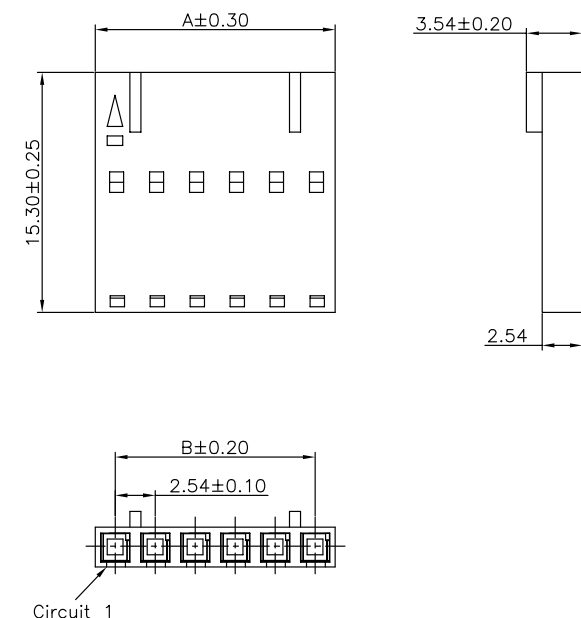
Suitable A2547 series Terminal
Mates With A2547 series Wafer

A2547 H 2 M-1 XX X 0
SERIES NO: A-BLACK
S-NATURE
CONNECTOR: H-HOUSING
TYPE CODE: 02~20P
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q' PY: 02~20P
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	5.08	---	11	27.94	25.40
03	7.62	5.08	12	30.48	27.94
04	10.16	7.62	13	33.02	30.48
05	12.70	10.16	14	35.56	33.02
06	15.24	12.70	15	38.10	35.56
07	17.78	15.24	16	40.64	38.10
08	20.32	17.78	17	43.10	40.64
09	22.86	20.32	18	45.64	43.18
10	25.40	22.86	20	50.72	48.26

A2547H1M-1XXX0

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

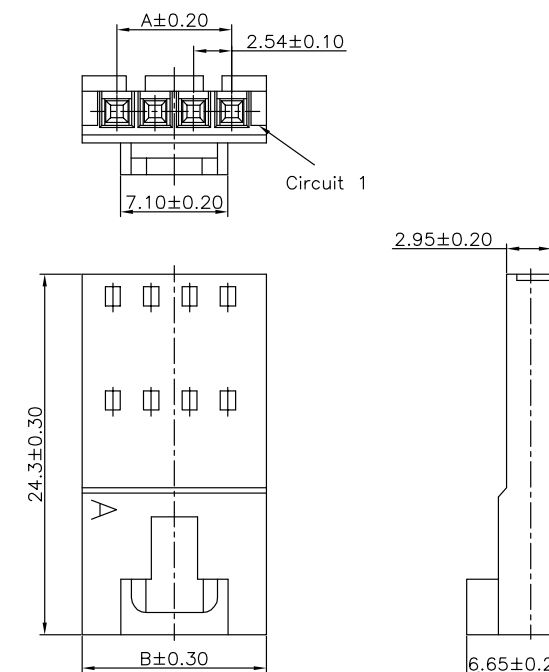
Suitable A2547 series Terminal
Mates With A2547 series Wafer

A2547 H 1 M-1 XX X 0
SERIES NO: A-BLACK
S-NATURE
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE FEMALE: M-MALE
COLOR: A-BLACK
S-NATURE
PIN Q' PY: 02~20P
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	5.08	---	11	27.94	25.40
03	7.62	5.08	12	30.48	27.94
04	10.16	7.62	13	33.02	30.48
05	12.70	10.16	14	35.56	33.02
06	15.24	12.70	15	38.10	35.56
07	17.78	15.24	16	40.64	38.10
08	20.32	17.78	17	43.10	40.64
09	22.86	20.32	18	45.64	43.18
10	25.40	22.86	20	50.72	48.26

A2547HF-1XXX0

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

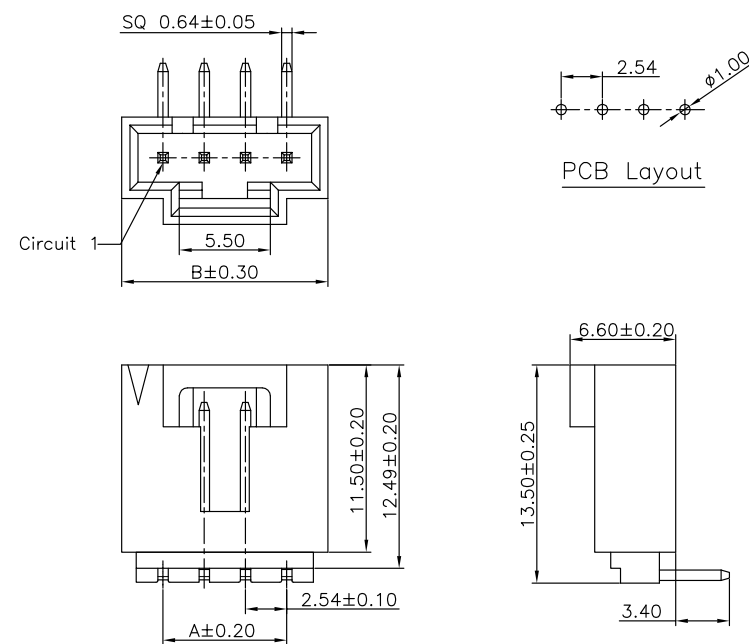
Suitable A2547 series Terminal
Mates With A2547 series Male housing

A2547 H F-1 XX X 0
SERIES NO: A-BLACK
S-NATURE
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
COLOR: A-BLACK
S-NATURE
PIN Q' PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.11	12	27.94	32.51
03	5.08	9.65	13	30.48	35.05
04	7.62	12.19	14	33.02	37.59
05	10.16	14.73	15	35.56	40.13
06	12.70	17.27	16	38.10	42.67
07	15.24	19.81	17	40.64	45.21
08	17.78	22.35	18	43.18	47.75
09	20.32	24.89	19	45.72	50.29
10	22.86	27.43	20	48.26	52.83
11	25.40	29.97			

A2547W9-1XX1XXX

Pitch 2.54mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP/PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:All Au G/F

Mates with A2547 series housing

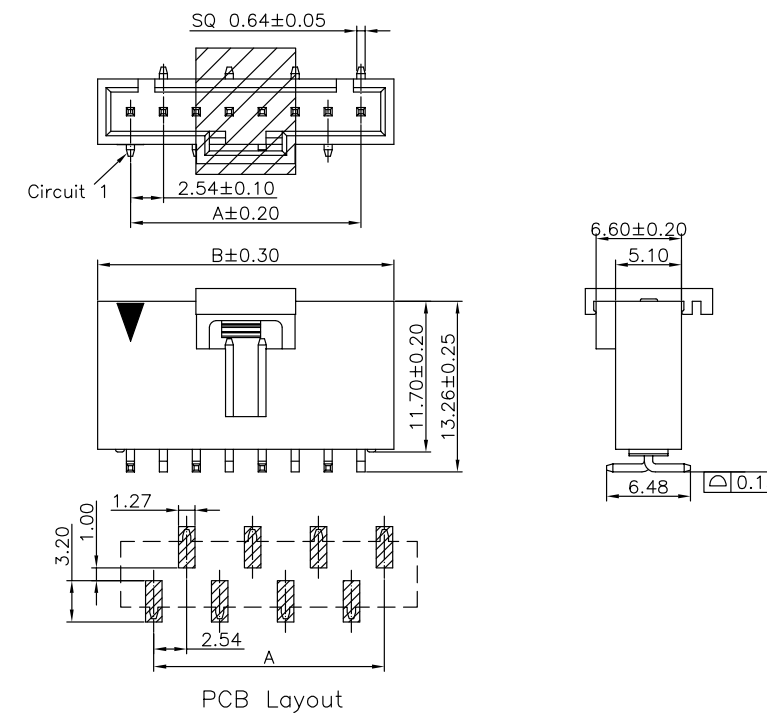
SERIES NO: A2547 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15

MATERIAL:
0-LCP RoHS+HF
1-PA66 RoHS
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
H-ALL AU 15U"
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.62	09	20.32	25.40
03	5.08	10.16	10	22.86	27.94
04	7.62	12.70	11	25.40	30.48
05	10.16	15.24	12	27.94	33.02
06	12.70	17.78	13	30.48	35.56
07	15.24	20.32	14	33.02	38.10
08	17.78	22.86	15	35.56	40.64

A2547W0-1XX2XXX

Pitch 2.54mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP/PA9T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:All Au G/F

Mates with A2547 series housing

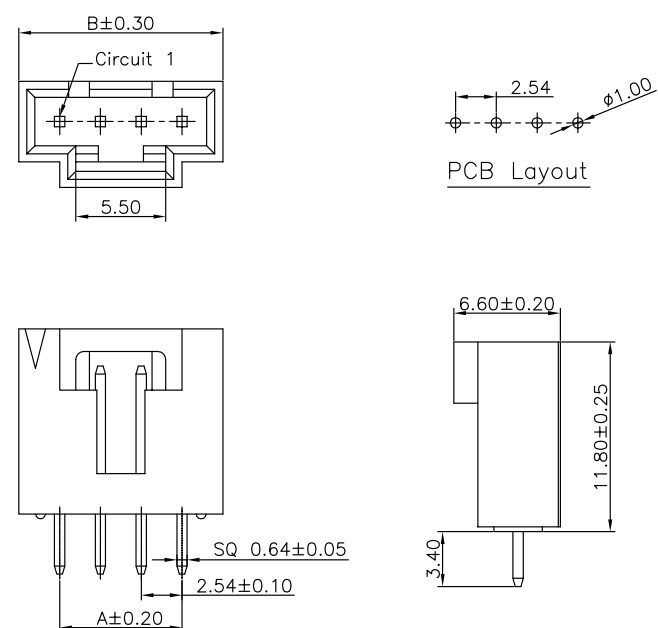
SERIES NO: A2547 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~24

MATERIALS:
1-PA9T
2-LCP
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.62	09	20.32	25.40
03	5.08	10.16	10	22.86	27.94
04	7.62	12.70	11	25.40	30.48
05	10.16	15.24	12	27.94	33.02
06	12.70	17.78	13	30.48	35.56
07	15.24	20.32	14	33.02	38.10
08	17.78	22.86	15	35.56	40.64

A2547W0-1XX1XXX

Pitch 2.54mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP/PA66,94V-0
Contacts: Brass

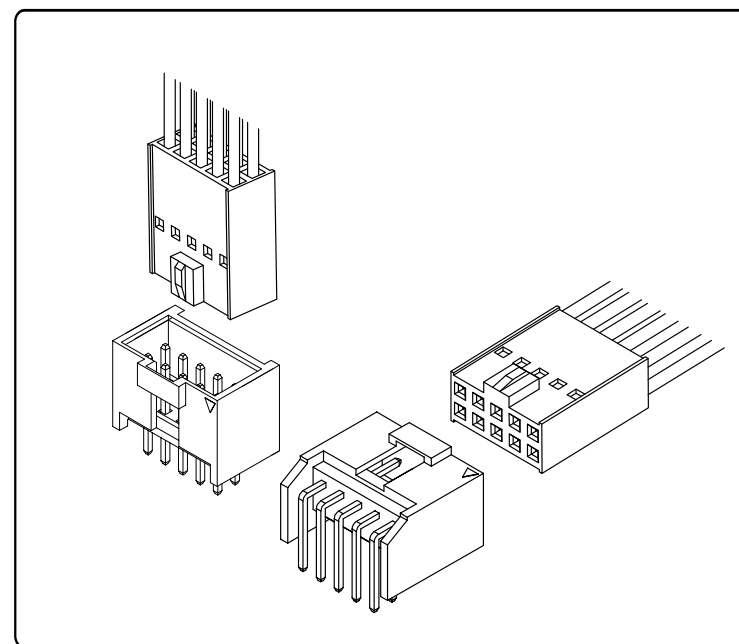
PLATING SPECIFICATION:
Contacts:All Au G/F

Mates with A2547 series housing

SERIES NO: A2547 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~24

MATERIAL:
0-LCP RoHS+HF
1-PA66 RoHS
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
H-ALL AU 15U"
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.62	14	33.02	38.10
03	5.08	10.16	15	35.56	40.64
04	7.62	12.70	16	38.10	43.18
05	10.16	15.24	17	40.64	45.72
06	12.70	17.78	18	43.18	48.26
07	15.24	20.32	19	45.72	50.80
08	17.78	22.86	20	48.26	53.34
09	20.32	25.40	21	50.80	55.88
10	22.86	27.94	22	53.34	58.42
11	25.40	30.48	23	55.88	60.96
12	27.94	33.02	24	58.42	63.50
13	30.48	35.56			

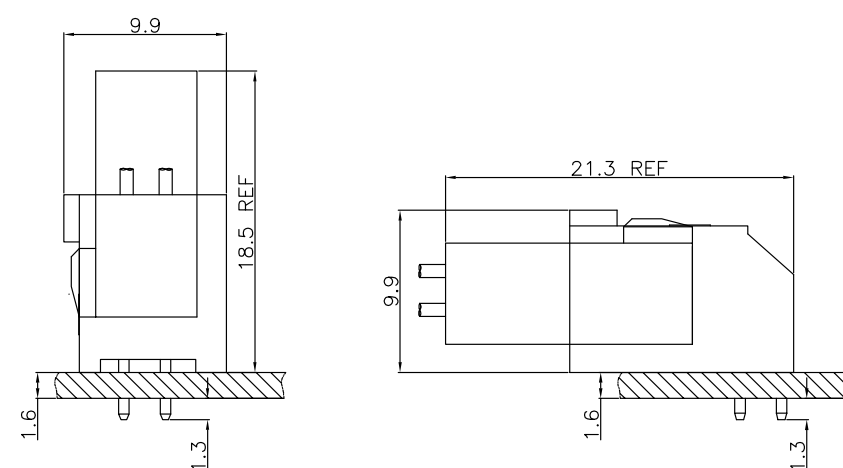


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

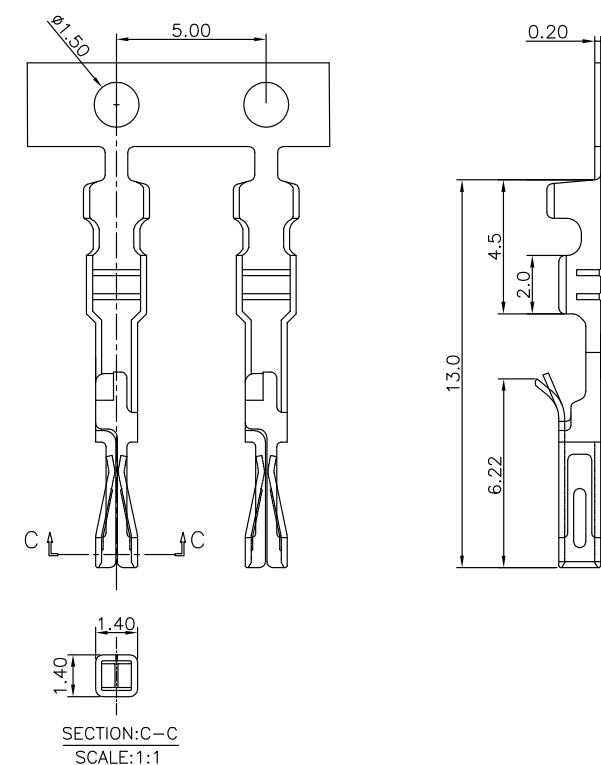
Assembly layout

wire to board



A2547T1FX-X

Pitch 2.54mm Terminal



Specifications

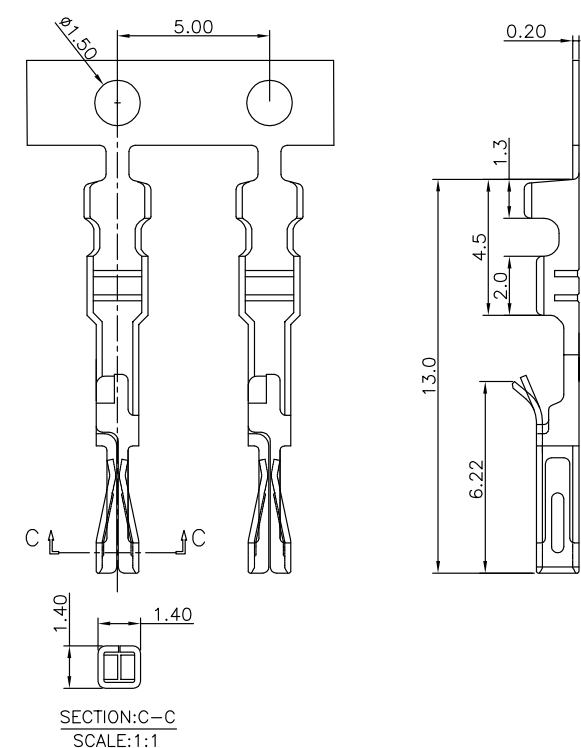
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#28
SUITABLE A2548 series housing

SERIES NO: A2547 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2547T2FX-X

Pitch 2.54mm Terminal



Specifications

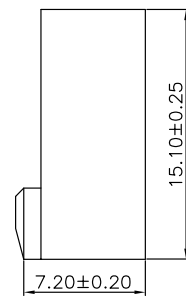
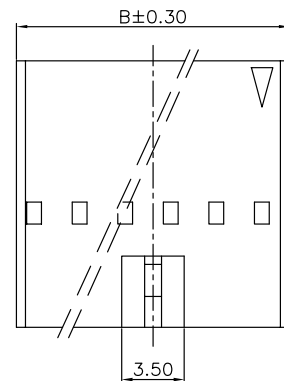
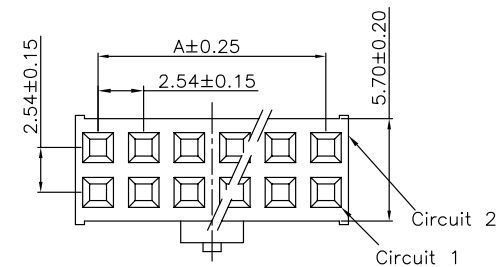
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#28
SUITABLE A2548 series housing

SERIES NO: A2547 T 2 F X-X
CONNECTOR: T-TERMINAL
2-TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2548HM-2XXX0

Pitch 2.54mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

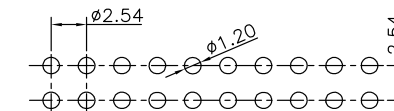
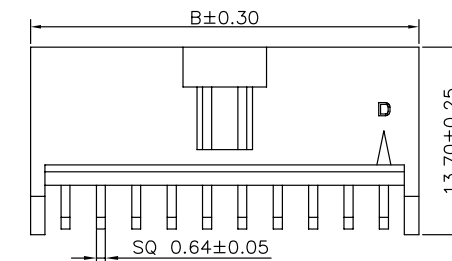
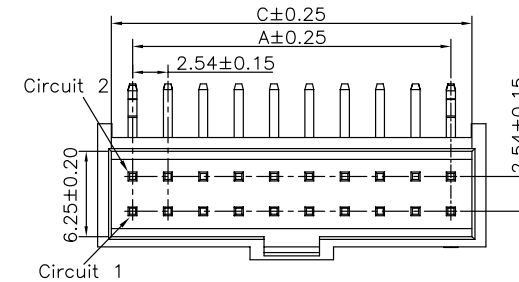
Suitable A2548 series Terminal
Mates With A2548 series Wafer

SERIES NO: A2548 H M-2 XX X 0
COLOR:
A-BLACK
S-NATURE
CONNECTOR:
H-HOUSING
MALE FEMALE:
M-MALE
PIN Q' PY:
04~64
ROW NO:
2-DOUBLE ROW

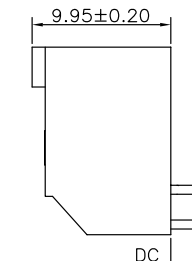
Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	---	5.08	2*18	43.18	45.72
2*03	5.08	7.62	2*19	45.72	48.26
2*04	7.62	10.16	2*20	48.26	50.80
2*05	10.16	12.70	2*21	50.80	53.34
2*06	12.70	15.24	2*22	53.34	55.88
2*07	15.24	17.78	2*23	55.88	58.42
2*08	17.78	20.32	2*24	58.42	60.96
2*09	20.32	22.86	2*25	60.96	63.50
2*10	22.86	25.40	2*26	63.50	66.04
2*11	25.40	27.94	2*27	66.04	68.58
2*12	27.94	30.48	2*28	68.58	71.12
2*13	30.48	33.02	2*29	71.12	73.66
2*14	33.02	35.56	2*30	73.66	76.20
2*15	35.56	38.10	2*31	76.20	78.74
2*16	38.10	40.64	2*32	78.74	81.28
2*17	40.64	43.18			

A2548W9-2XX1XXX

Pitch 2.54mm 90° Double row DIP Wafer



PCB Layout



DC
2.50mm
2.90mm

Specifications

MATERIAL SPECIFICATION:
Housing: PA66+30%G.F,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

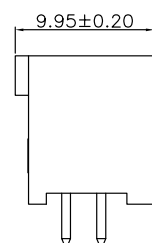
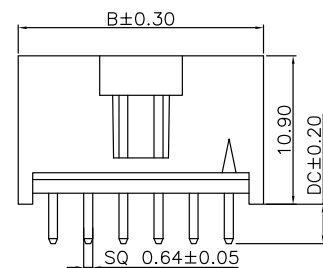
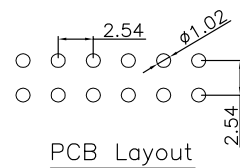
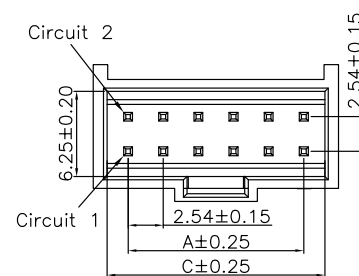
Mates with A2548 series housing

SERIES NO: A2548 W 9-2 XX 1 X X X
CONNECTOR:
W-WAFER
ANGLE:
9-90°
ROW NO:
2-DOUBLE ROW
PIN Q' PY:
06~64
DC:
1-2.50mm
2-2.90mm
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT:
1-DIP

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
2*03	5.08	10.12	8.02	2*18	43.18	48.22	46.12
2*04	7.62	12.66	10.56	2*19	45.72	50.76	48.66
2*05	10.16	15.20	13.10	2*20	48.26	53.30	51.20
2*06	12.70	17.74	15.64	2*21	50.80	55.84	53.74
2*07	15.24	20.28	18.18	2*22	53.34	58.38	56.28
2*08	17.78	22.82	20.72	2*23	55.88	60.92	58.82
2*09	20.32	25.36	23.26	2*24	58.42	63.46	61.36
2*10	22.86	27.90	25.80	2*25	60.96	66.00	63.90
2*11	25.40	30.44	28.34	2*26	63.50	68.54	66.44
2*12	27.94	32.98	30.88	2*27	66.04	71.08	68.98
2*13	30.48	35.52	33.42	2*28	68.58	73.62	71.52
2*14	32.02	38.06	35.96	2*29	71.12	76.16	74.06
2*15	35.56	40.60	38.50	2*30	73.66	78.70	76.60
2*16	38.10	43.14	41.05	2*31	76.20	81.24	79.14
2*17	40.64	45.68	43.58	2*32	78.74	83.78	81.68

A2548W0-2XX1XXX

Pitch 2.54mm 180° Double row DIP Wafer



DC
2.50mm
2.90mm

Specifications

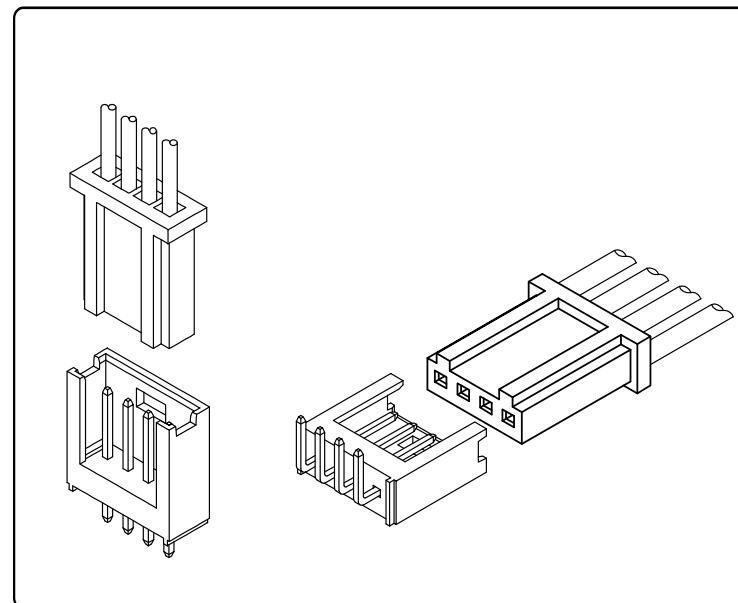
MATERIAL SPECIFICATION:
Housing: PA66+30%G.F,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A2548 series housing

SERIES NO: A2548 W 0-2 XX 1 X X X
CONNECTOR:
W-WAFER
ANGLE:
0-180°
ROW NO:
2-DOUBLE ROW
PIN Q' PY:
06~64
DC:
1-2.50mm
2-2.90mm
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
TERMIPOINT:
1-DIP

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
2*03	5.08	10.12	8.02	2*18	43.18	48.22	46.12
2*04	7.62	12.66	10.56	2*19	45.72	50.76	48.66
2*05	10.16	15.20	13.10	2*20	48.26	53.30	51.20
2*06	12.70	17.74	15.64	2*21	50.80	55.84	53.74
2*07	15.24	20.28	18.18	2*22	53.34	58.38	56.28
2*08	17.78	22.82	20.72	2*23	55.88	60.92	58.82
2*09	20.32	25.36	23.26	2*24	58.42	63.46	61.36
2*10	22.86	27.90	25.80	2*25	60.96	66.00	63.90
2*11	25.40	30.44	28.34	2*26	63.50	68.54	66.44
2*12	27.94	32.98	30.88	2*27	66.04	71.08	68.98
2*13	30.48	35.52	33.42	2*28	68.58	73.62	71.52
2*14	32.02	38.06	35.96	2*29	71.12	76.16	74.06
2*15	35.56	40.60	38.50	2*30	73.66	78.70	76.60
2*16	38.10	43.14	41.05	2*31	76.20	81.24	79.14
2*17	40.64	45.68	43.58	2*32	78.74	83.78	81.68

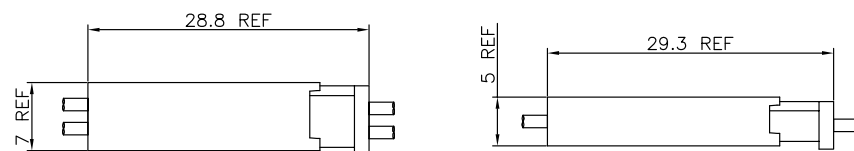


Specifications

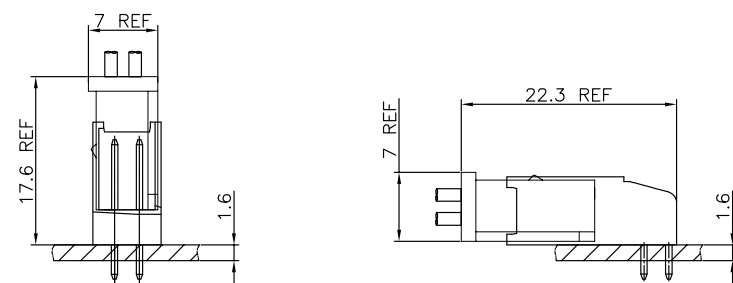
Temperature range: -20°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

Assembly layout

wire to wire

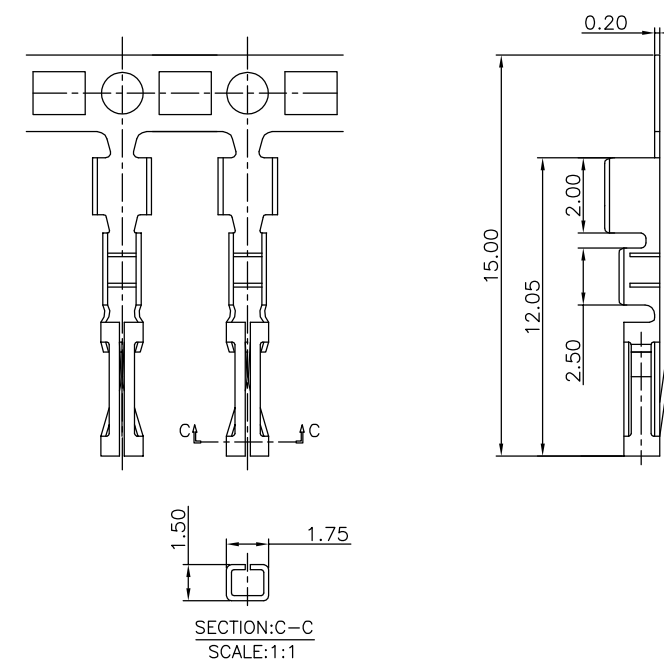


wire to board



A2549T1FX-X

Pitch 2.54mm Terminal

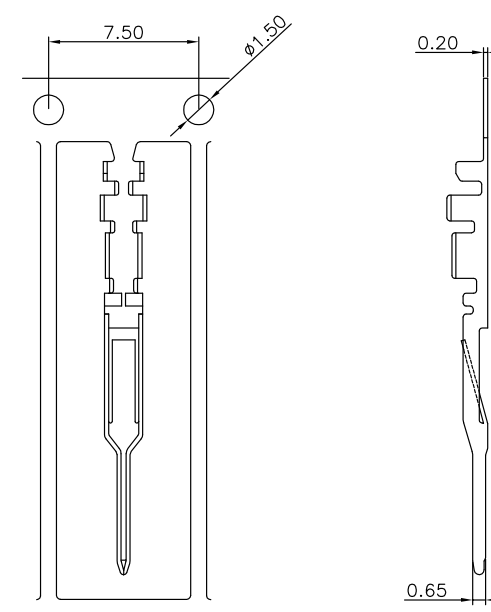


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#26
SUITABLE A2549 series housing
SERIES NO: A2549 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2549TMX-X

Pitch 2.54mm Terminal

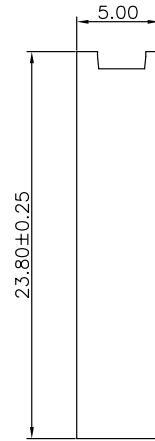
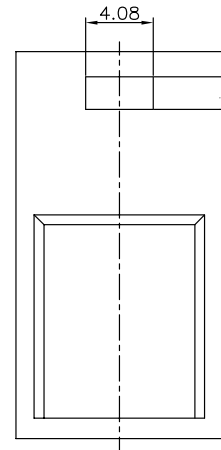
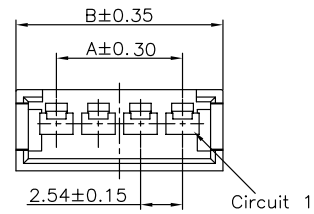


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#26
SUITABLE A2549 series Female housing
SERIES NO: A2549 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A2549HF-1XXXX

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2

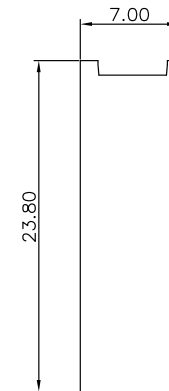
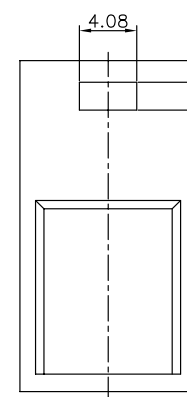
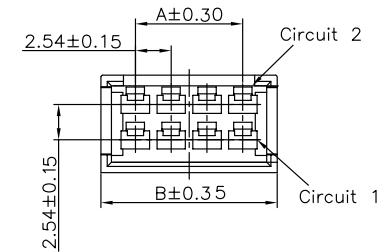
Suitable A2549 series Terminal
Mates With A2549 series Male housing

SERIES NO: A2549 H F-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~20

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.42	12	27.94	32.82
03	5.08	9.96	13	30.48	35.36
04	7.62	12.50	14	32.02	37.90
05	10.16	15.04	15	35.56	40.44
06	12.70	17.58	16	38.10	42.98
07	15.24	20.12	17	40.64	45.52
08	17.78	22.66	18	43.18	48.06
09	20.32	25.20	19	45.72	50.06
10	22.86	27.74	20	48.26	53.14
11	25.40	30.28			

A2549HF-2XXXX

Pitch 2.54mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2

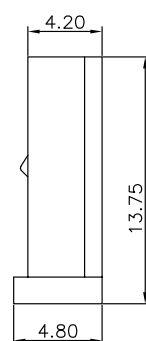
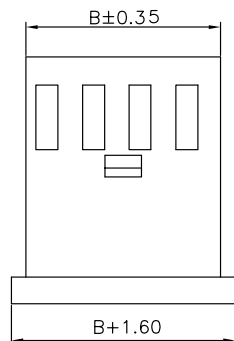
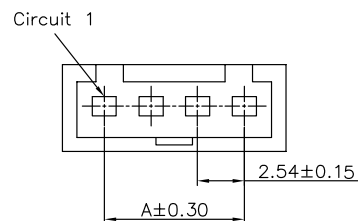
Suitable A2549 series Terminal
Mates With A2549 series Male housing

SERIES NO: A2549 H F-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 2-DOUBLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 04~40

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	---	7.42	2*12	27.94	32.82
2*03	5.08	9.96	2*13	30.48	35.36
2*04	7.62	12.50	2*14	32.02	37.90
2*05	10.16	15.04	2*15	35.56	40.44
2*06	12.70	17.58	2*16	38.10	42.98
2*07	15.24	20.12	2*17	40.64	45.52
2*08	17.78	22.66	2*18	43.18	48.06
2*09	20.32	25.20	2*19	45.72	50.06
2*10	22.86	27.74	2*20	48.26	53.14
2*11	25.40	30.28			

A2549H1M-1XXXX

Pitch 2.54mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

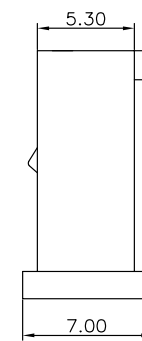
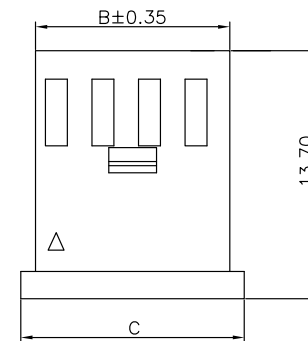
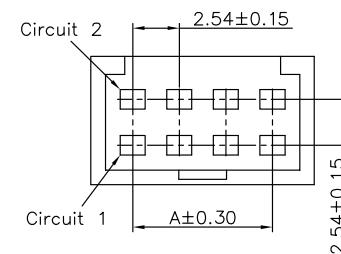
Suitable A2549 series Terminal
Mates With A2549 series Wafer

SERIES NO: A2549 H 1 M-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~22

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.60	13	30.48	33.54
03	5.08	8.14	14	32.02	36.08
04	7.62	10.68	15	35.56	38.62
05	10.16	13.22	16	38.10	41.16
06	12.70	15.76	17	40.64	43.70
07	15.24	18.30	18	43.18	46.24
08	17.78	20.84	19	45.72	48.78
09	20.32	23.38	20	48.26	51.32
10	22.86	25.92	21	50.80	53.86
11	25.40	28.46	22	53.34	56.40
12	27.94	31.00			

A2549H2M-2XXXX

Pitch 2.54mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

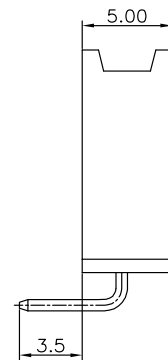
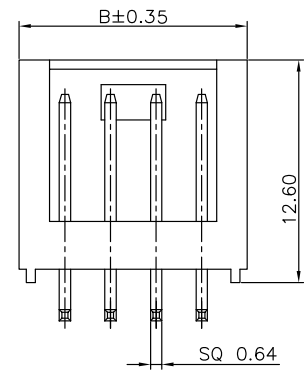
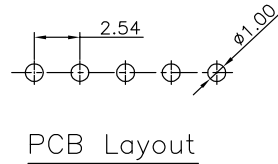
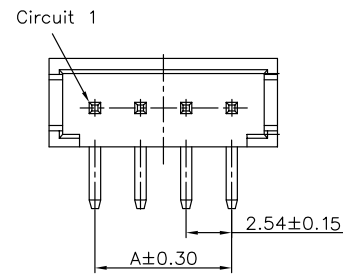
Suitable A2549 series Terminal
Mates With A2549 series Wafer

SERIES NO: A2549 H 2 M-2 XX X X
CONNECTOR: H-HOUSING
2-TYPE CODE
MALE FEMALE: M-MALE
ROW NO: 2-DOUBLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 06~64

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*03	5.08	8.06	9.66	2*12	27.94	30.92	29.98
2*04	7.62	10.60	12.20	2*13	30.48	33.46	32.54
2*05	10.16	13.14	14.74	2*14	32.02	36.00	35.06
2*06	12.70	15.68	17.28	2*15	35.56	38.54	37.60
2*07	15.24	18.22	19.82	2*16	38.10	41.08	40.14
2*08	17.78	20.76	22.36	2*17	40.64	43.62	42.66
2*09	20.32	23.30	24.90	2*18	43.18	46.16	45.22
2*10	22.86	25.84	27.44	2*19	45.72	48.70	47.76
2*11	25.40	28.38	29.98	2*20	48.26	51.24	50.30

A2549W9-1XX1XXX

Pitch 2.54mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2549 series housing

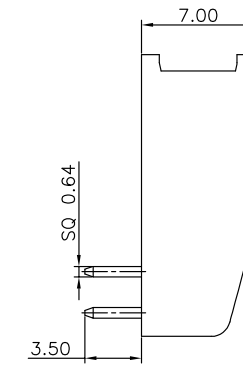
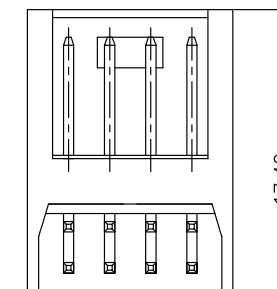
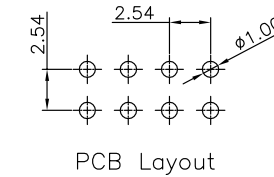
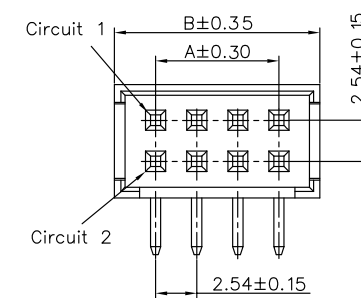
SERIES NO: A2549 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~22

WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.62	13	30.48	35.56
03	5.08	10.16	14	33.02	38.10
04	7.62	12.70	15	35.56	40.64
05	10.16	15.24	16	38.10	43.18
06	12.70	17.78	17	40.64	45.72
07	15.24	20.32	18	43.18	48.26
08	17.78	22.86	19	45.72	50.80
09	20.32	25.40	20	48.26	53.34
10	22.86	27.94	21	50.80	55.88
11	25.40	30.48	22	53.34	58.42
12	27.94	33.02			

A2549W9-2XX1XXX

Pitch 2.54mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2549 series housing

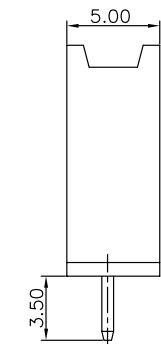
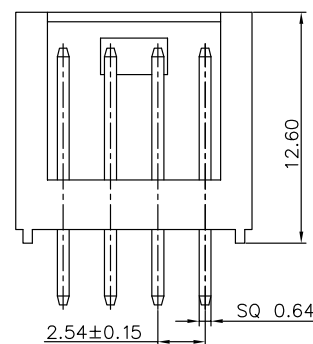
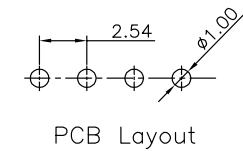
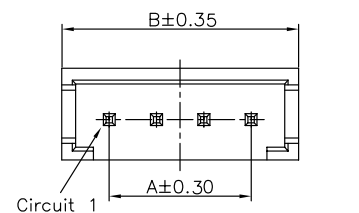
SERIES NO: A2549 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~64

WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PLATING:
C-BRIGHE TIN
TERMIPOINT:
1-DIP

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
2*02	---	7.46	2*18	43.18	48.10
2*03	5.08	10.00	2*19	45.72	50.64
2*04	7.62	12.54	2*20	48.26	53.18
2*05	10.16	15.08	2*21	50.80	55.72
2*06	12.70	17.62	2*22	53.34	58.26
2*07	15.24	20.16	2*23	55.88	60.80
2*08	17.78	22.70	2*24	58.42	63.34
2*09	20.32	25.24	2*25	60.96	65.88
2*10	22.86	27.78	2*26	63.50	68.42
2*11	25.40	30.32	2*27	66.04	70.96
2*12	27.94	32.86	2*28	68.58	73.50
2*13	30.48	35.40	2*29	71.12	76.04
2*14	33.02	37.94	2*30	73.66	78.58
2*15	35.56	40.48	2*31	76.20	81.12
2*16	38.10	43.02	2*32	78.74	83.66
2*17	40.64	45.56			

A2549W0-1XX1XXX

Pitch 2.54mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2549 series housing

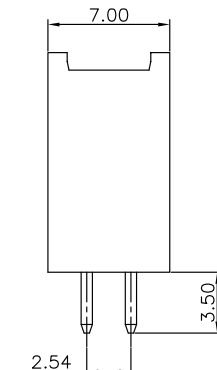
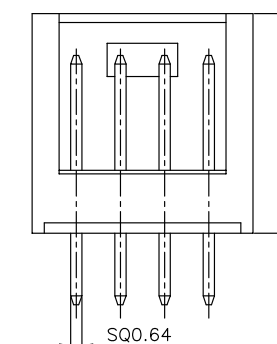
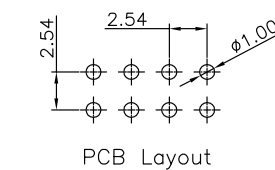
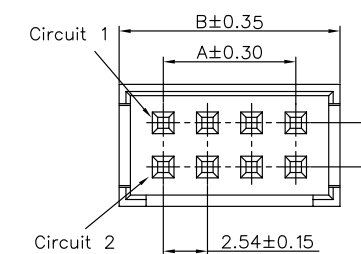
SERIES NO: A2549 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~22

WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)		Circuits	Dimensions(mm)	
	A	B		A	B
02	---	7.62	13	30.48	35.56
03	5.08	10.16	14	33.02	38.10
04	7.62	12.70	15	35.56	40.64
05	10.16	15.24	16	38.10	43.18
06	12.70	17.78	17	40.64	45.72
07	15.24	20.32	18	43.18	48.26
08	17.78	22.86	19	45.72	50.80
09	20.32	25.40	20	48.26	53.34
10	22.86	27.94	21	50.80	55.88
11	25.40	30.48	22	53.34	58.42
12	27.94	33.02			

A2549W0-2XX1XXX

Pitch 2.54mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0
Contacts: Brass

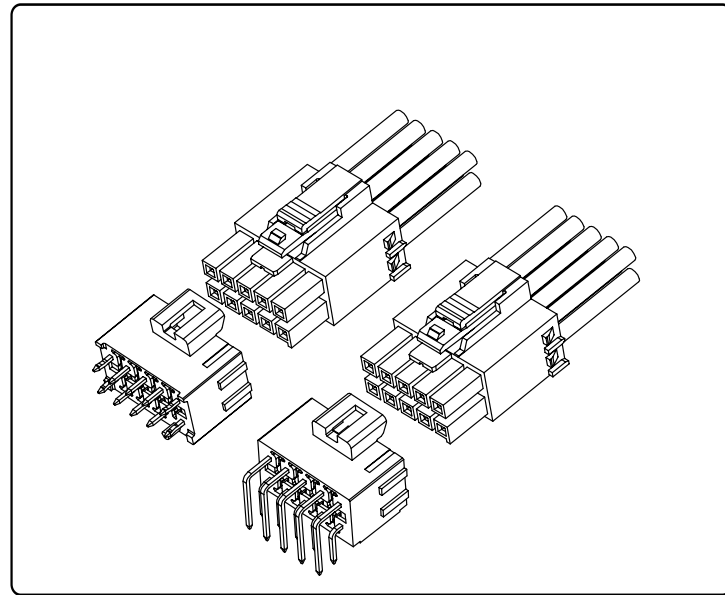
PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A2549 series housing

SERIES NO: A2549 W 0-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~64

WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PLATING:
C-BRIGHE TIN
TERMIPOINT:
1-DIP

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
2*02	---	7.46	2*18	43.18	48.10
2*03	5.08	10.00	2*19	45.72	50.64
2*04	7.62	12.54	2*20	48.26	53.18
2*05	10.16	15.08	2*21	50.80	55.72
2*06	12.70	17.62	2*22	53.34	58.26
2*07	15.24	20.16	2*23	55.88	60.80
2*08	17.78	22.70	2*24	58.42	63.34
2*09	20.32	25.24	2*25	60.96	65.88
2*10	22.86	27.78	2*26	63.50	68.42
2*11	25.40	30.32	2*27	66.04	70.96
2*12	27.94	32.86	2*28	68.58	73.50
2*13	30.48	35.40	2*29	71.12	76.04
2*14	33.02	37.94	2*30	73.66	78.58
2*15	35.56	40.48	2*31	76.20	81.12
2*16	38.10	43.02	2*32	78.74	83.66
2*17	40.64	45.56			

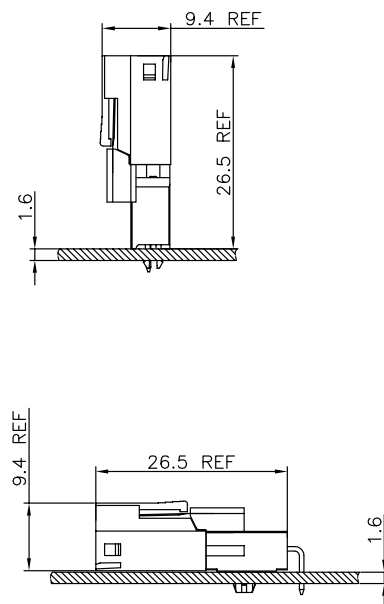
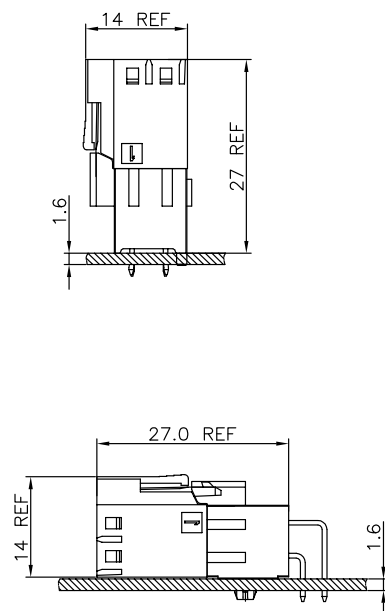


Specifications

Temperature range: -40°C~+105°C
Voltage rating: 400V
Current rating: 12A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1800V AC

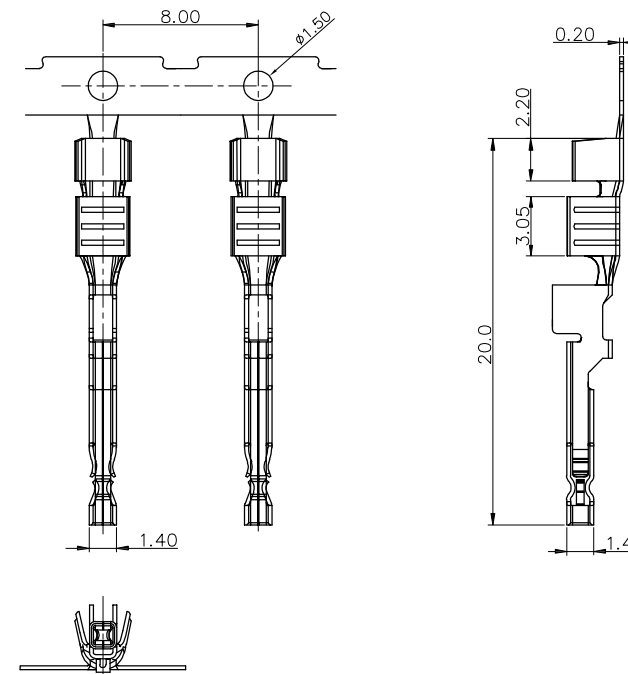
Assembly layout

wire to board



A3503TFXX-X

Pitch 3.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: High conductivity copper(C18400)

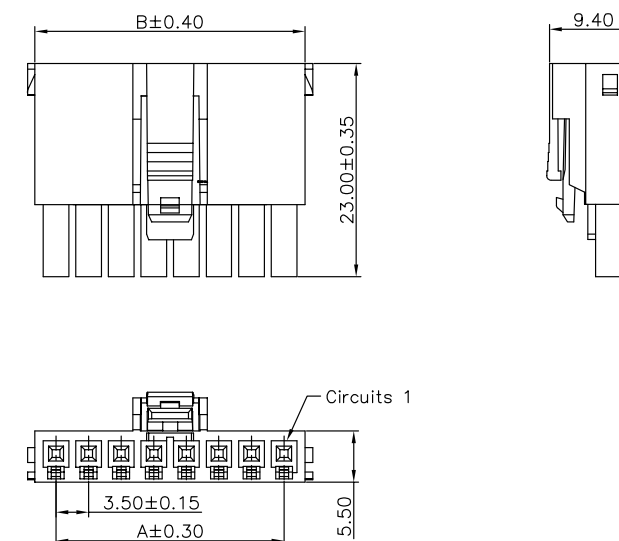
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#18
SUITABLE A3503 series Male housing

SERIES NO: A3503 T F X X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
ANGLE: 1-低脚 (#20~#22)
2-高脚 (#16~#18)
PLATING: 1-G/F
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
H-HIGH CONDUCTIVITY COPPE

A3503H2M-1XXAX

Pitch 3.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA4T,94V-0

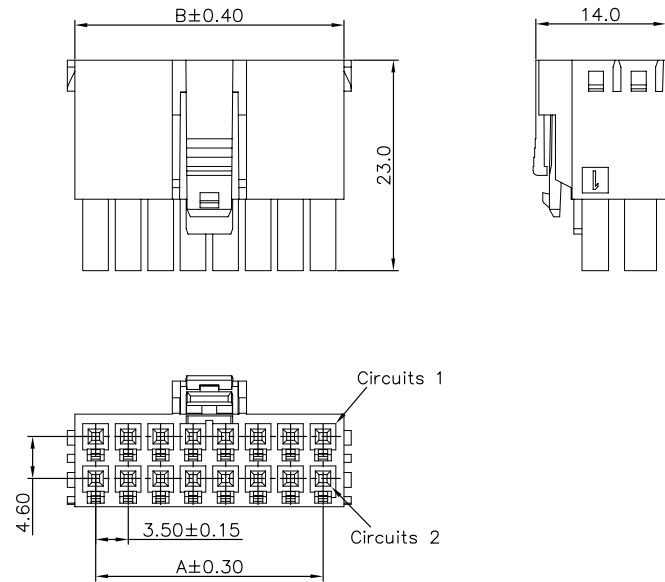
Suitable A3503 series Terminal
Mates With A3503 series Wafer

SERIES NO: A3503 H 2 M-1 XX A X
CONNECTOR: H-HOUSING
TYPE: 1-Standard KEY A
2-TPA TYPE KEY A
3-Standard KEY B
4-TPA TYPE KEY B
HOUSING: 1-PA4T
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~08
ROW NO: 1-SINGLE ROW

Circuits	Dimensions(mm)	
	A	B
02	---	8.00
03	7.00	11.50
04	10.50	15.00
05	14.00	18.50
06	17.50	22.00
07	21.00	25.50
08	24.50	29.00

A3503H2M-2XXAX

Pitch 3.50mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA4T,94V-0

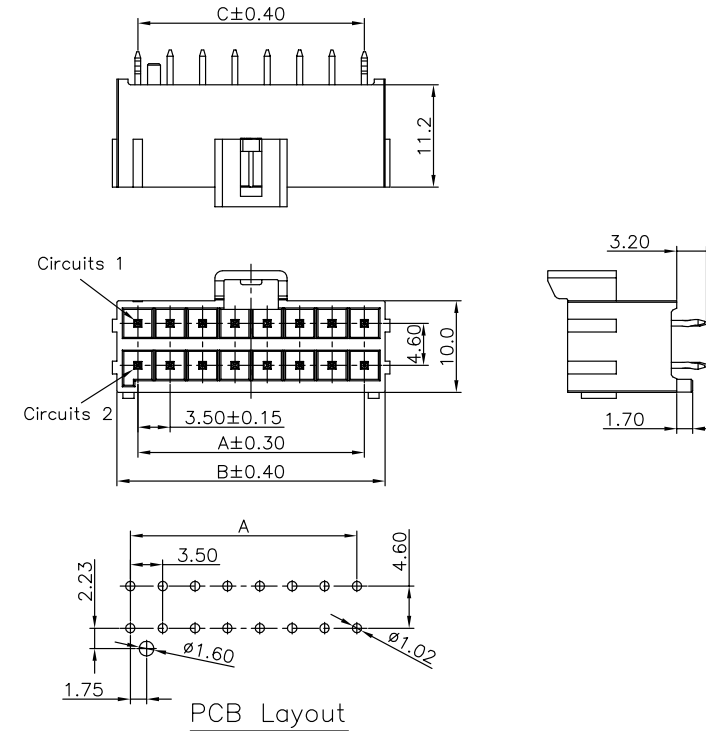
Suitable A3503 series Terminal
Mates With A3503 series Wafer

SERIES NO: A3503 H 2 M-2 XX A X
CONNECTOR: H-HOUSING
TYPE: 1-Standard KEY A
2-TPA TYPE KEY A
3-Standard KEY B
4-TPA TYPE KEY B
HOUSING: 1-PA4T
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~08
ROW NO: 2-DOUBLE ROW
MALE FEMALE: M-MALE

Circuits	Dimensions(mm)	
	A	B
2*02	---	8.00
2*03	7.00	11.50
2*04	10.50	15.00
2*05	14.00	18.50
2*06	17.50	22.00
2*07	21.00	25.50
2*08	24.50	29.00

A3503W0-2XX1XA1

Pitch 3.50mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Barss

PLATING SPECIFICATION:
Contacts:Matte tin

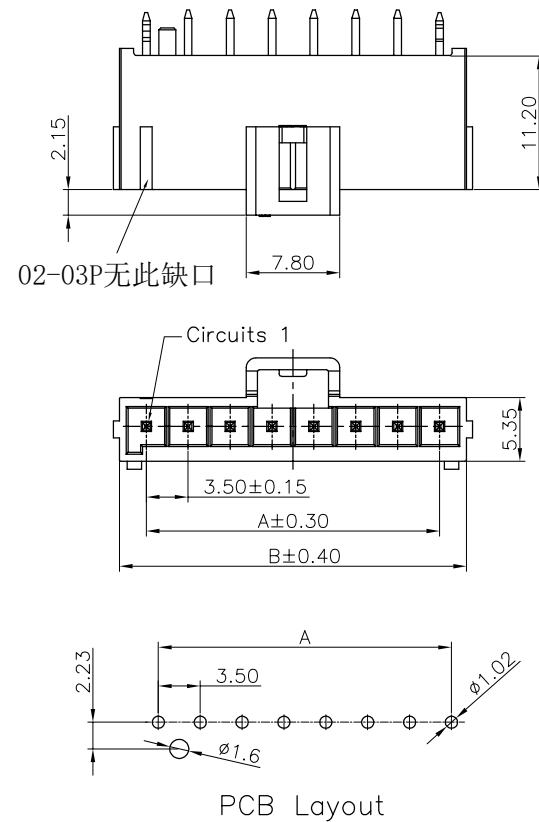
Mates with A3503 series housing

SERIES NO: A3503 W 0-2 XX 1 X A 1
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~16
TYPE: 1-KEY A
2-KEY B
COLOR: A-BLACK
S-NATURE
PLATING: 6-AU 30U"
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		
	A	B	C
2*02	---	8.00	---
2*03	7.00	11.50	---
2*04	10.50	15.00	7.00
2*05	14.00	18.50	10.50
2*06	17.50	22.00	14.00
2*07	21.00	25.50	17.50
2*08	24.50	29.00	21.00

A3503W0-1XX1XA1

Pitch 3.50mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Barss

PLATING SPECIFICATION:
Contacts:Matte tin

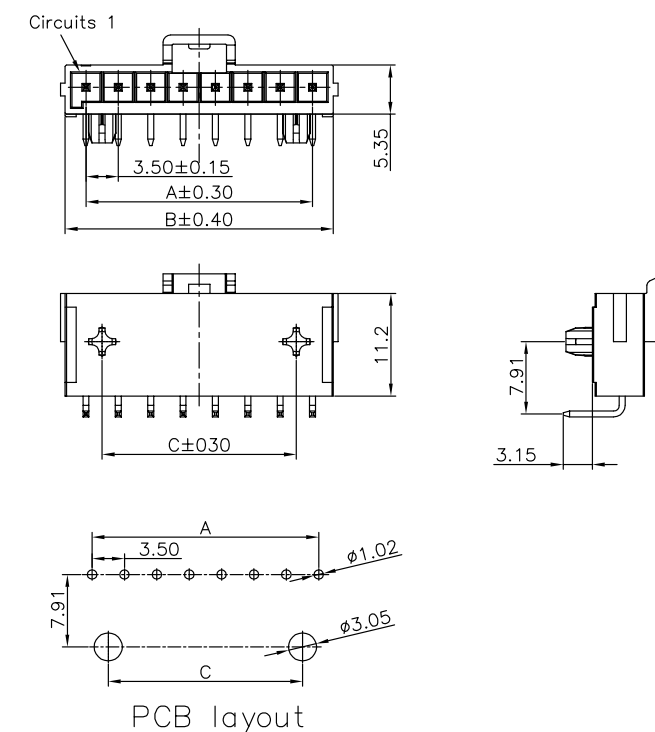
Mates with A3503 series housing

SERIES NO: A3503 W 0-1 XX 1 X A 1
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~08
TYPE: 1-KEY A
2-KEY B
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
2	3.50	8.00
3	7.00	11.50
4	10.50	15.00
5	14.00	18.50
6	17.50	22.00
7	21.00	25.50
8	24.50	29.00

A3503W9-1XX1XA1

Pitch 3.50mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Barss

PLATING SPECIFICATION:
Contacts:Matte tin

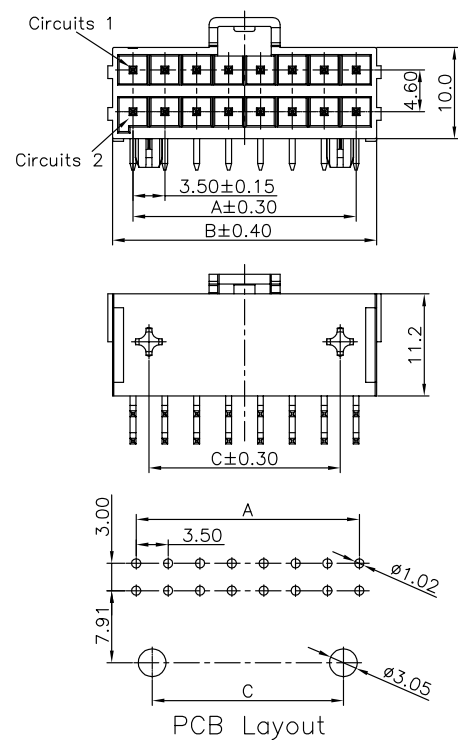
Mates with A3503 series housing

SERIES NO: A3503 W 9-1 XX 1 X A 1
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~08
TYPE: 1-KEY A
2-KEY B
COLOR: A-BLACK
S-NATURE
PLATING: 6-AU 30U"
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		
	A	B	C
02	---	8.00	---
03	7.00	11.50	---
04	10.50	15.00	7.00
05	14.00	18.50	10.50
06	17.50	22.00	14.00
07	21.00	25.50	17.50
08	24.50	29.00	21.00

A3503W9-2XX1XA1

Pitch 3.50mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Barss

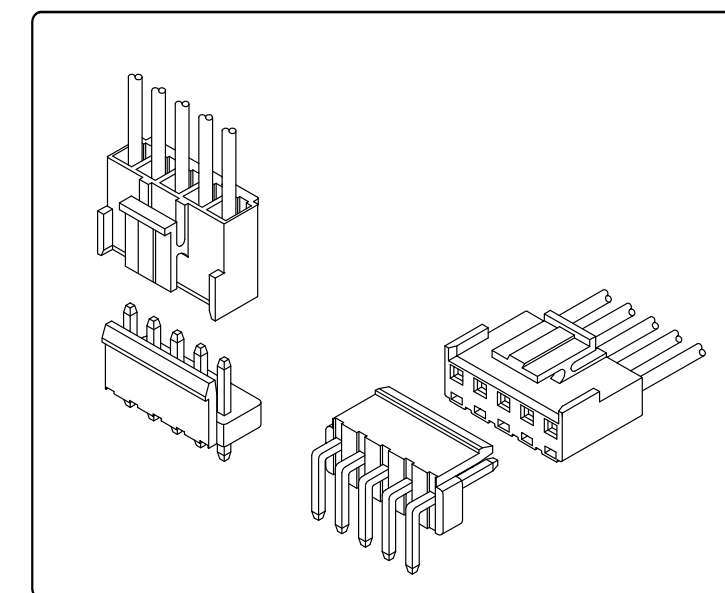
PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A3503 series housing

SERIES NO: A3503 W 9-2 XX 1 X A 1
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~16

TYPE:
1-KEY A
2-KEY B
COLOR:
A-BLACK
S-NATURE
PLATING:
6-AU 30U"
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)		
	A	B	C
2*02	---	8.00	---
2*03	7.00	11.50	---
2*04	10.50	15.00	7.00
2*05	14.00	18.50	10.50
2*06	17.50	22.00	14.00
2*07	21.00	25.50	17.50
2*08	24.50	29.00	21.00



Specifications

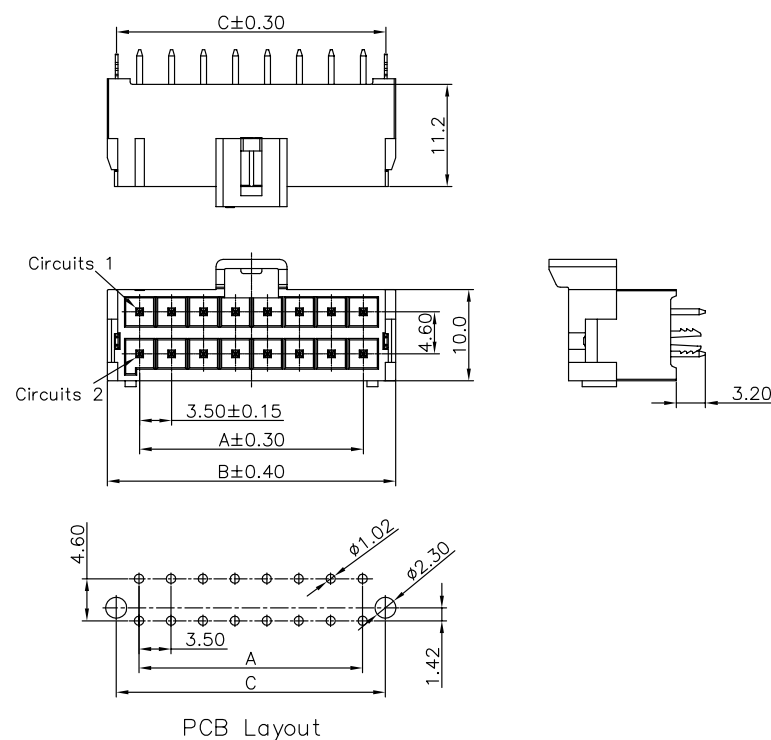
Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 7A
Contact resistance: 30mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

Assembly layout

wire to board

A3503W01-2XX1XA1

Pitch 3.50mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Barss

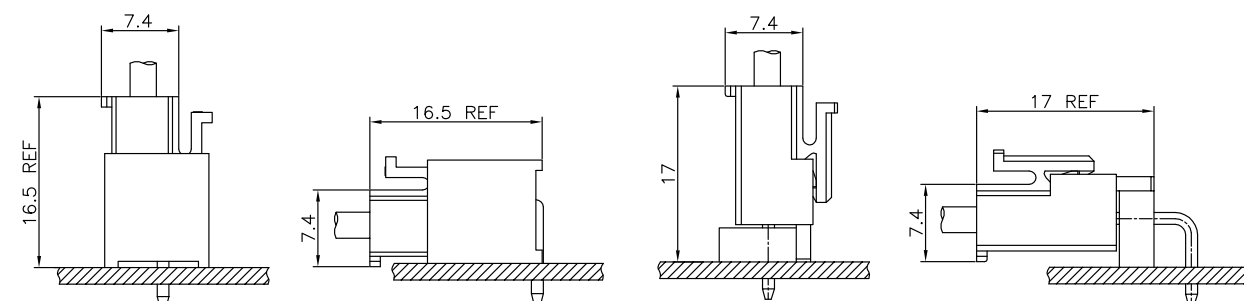
PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A3503 series housing

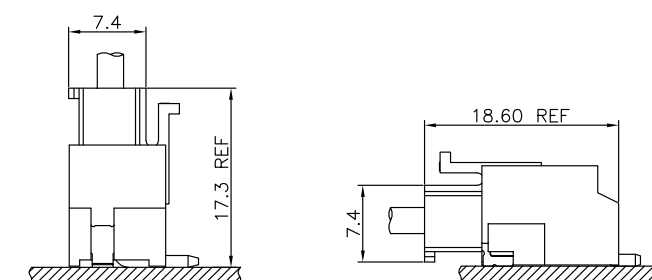
SERIES NO: A3503 W 0 1-2 XX 1 X A 1
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~16

KEY:
1-KEY A
2-KEY B
COLOR:
A-BLACK
S-NATURE
PLATING:
6-AU 30U"
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuits	Dimensions(mm)		
	A	B	C
2*02	---	8.00	8.50
2*03	7.00	11.50	12.00
2*04	10.50	17.60	15.50
2*05	14.00	18.50	19.00
2*06	17.50	22.00	22.50
2*07	21.00	25.50	26.00
2*08	24.50	29.00	29.50



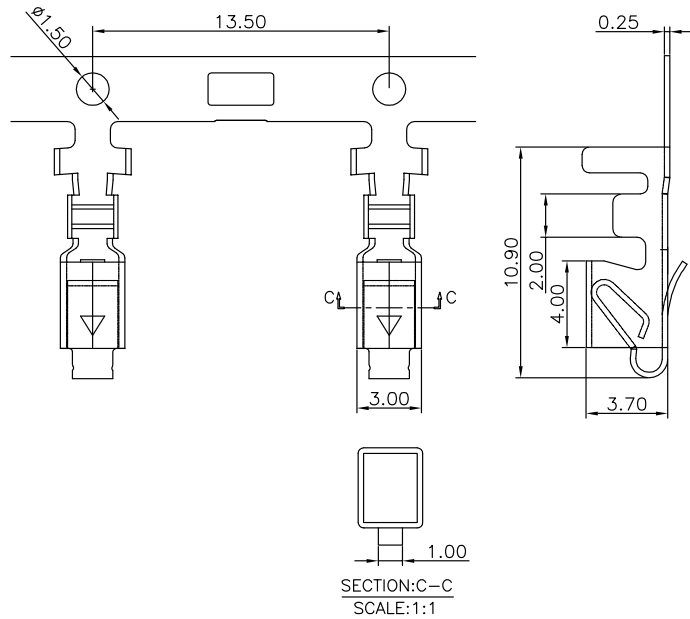
Single row DIP Type



Single row SMT Type

A3962T3FX-X

Pitch 3.96mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze/Brass

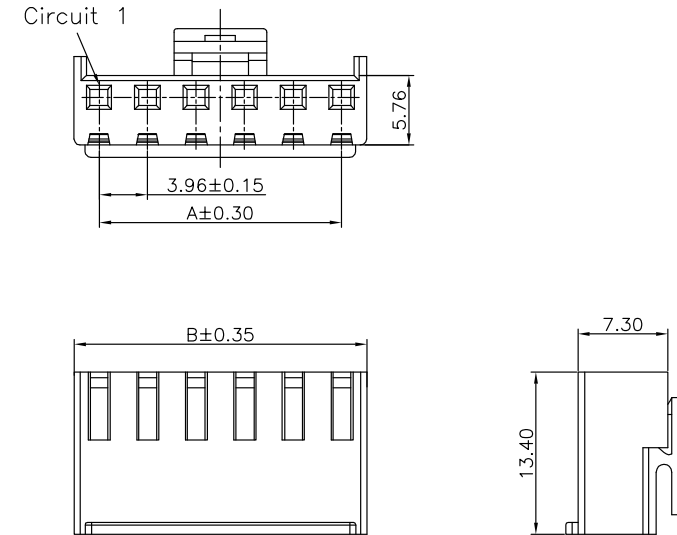
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #16-#24
SUITABLE A3962 series Male housing

SERIES NO: A3962 T 3 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE: F-FEMALE
M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

A3962H4M-1XXXX

Pitch 3.96mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

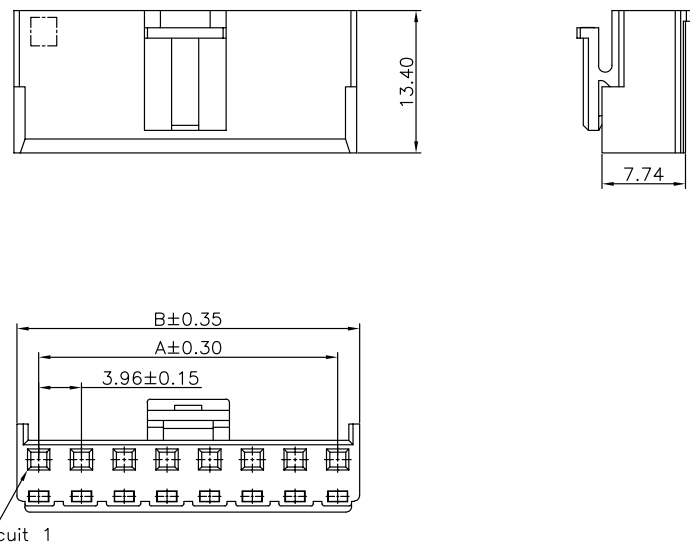
Suitable A3962 series Terminal
Mates With A3962 series Wafer

SERIES NO: A3962 H 4 M-1 XX X X
CONNECTOR: H-HOUSING
4-TYPE CODE
MALE FEMALE: M-MALE
F-FEMALE
WATER CODE: 0-N/A
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~15
1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	8.02	09	31.68	35.74
03	7.92	11.98	10	35.64	39.70
04	11.88	15.94	11	39.60	43.66
05	15.84	19.90	12	43.56	47.62
06	19.80	23.86	13	47.52	51.58
07	23.76	27.82	14	51.48	55.54
08	27.72	31.78	15	55.44	59.50

A3962H2M-1XXXX

Pitch 3.96mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

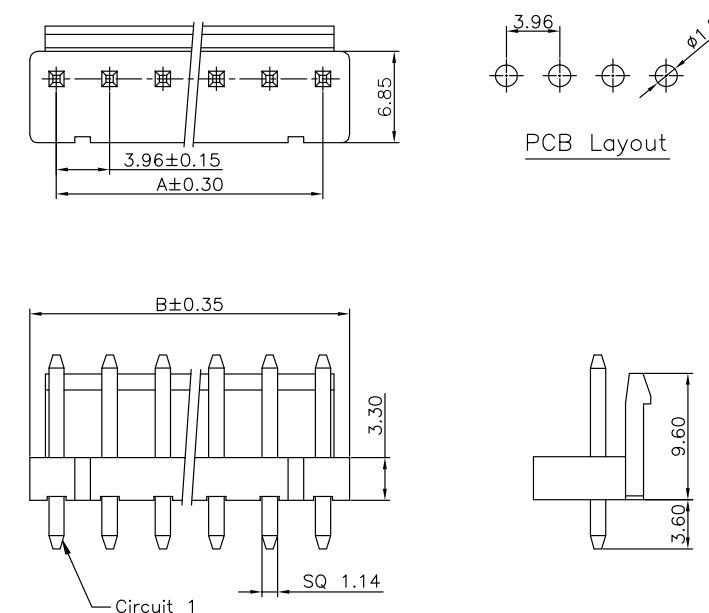
Suitable A3962 series Terminal
Mates With A3962 series Wafer

SERIES NO: A3962 H 2 M-1 XX X X
CONNECTOR: H-HOUSING
2-TYPE CODE
MALE FEMALE: M-MALE
F-FEMALE
WATER CODE: 0-N/A
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~15
1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	8.02	09	31.68	35.74
03	7.92	11.98	10	35.64	39.70
04	11.88	15.94	11	39.60	43.66
05	15.84	19.90	12	43.56	47.62
06	19.80	23.86	13	47.52	51.58
07	23.76	27.82	14	51.48	55.54
08	27.72	31.78	15	55.44	59.50

A3962W01-1XX1XXX

Pitch 3.96mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

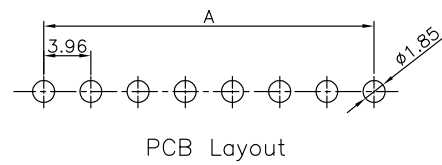
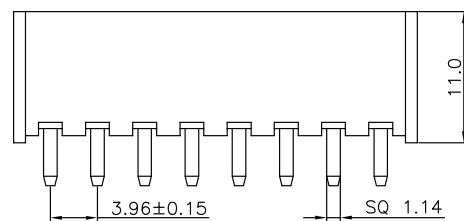
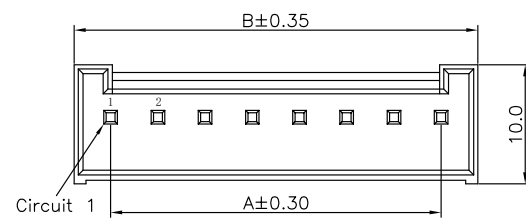
Mates with A3962 series housing

SERIES NO: A3962 W 0 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
PIN Q'PY: 02~15
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.92	09	31.68	35.64
03	7.92	11.88	10	35.64	39.60
04	11.88	15.84	11	39.60	43.56
05	15.84	19.80	12	43.56	47.52
06	19.80	23.76	13	47.52	51.48
07	23.76	27.72	14	51.48	55.44
08	27.72	31.68	15	55.44	59.40

A3962W06-1XX1XXX

Pitch 3.96mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

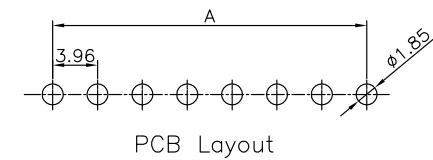
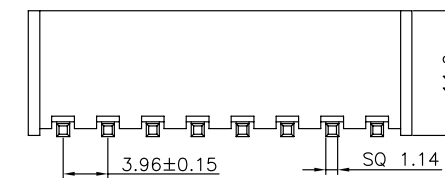
Mates with A3962 series housing

SERIES NO: A3962 W 0 6-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 6-TYPE 6
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~10
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	10.10	07	23.76	29.90
03	7.92	14.06	08	27.72	33.86
04	11.88	18.02	09	31.68	37.82
05	15.84	21.98	10	35.64	41.78
06	19.80	25.94			

A3962W98-1XX1XXX

Pitch 3.96mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

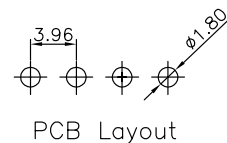
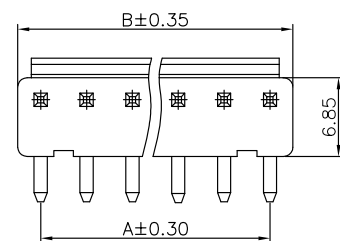
Mates with A3962 series housing

SERIES NO: A3962 W 9 8-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 8-TYPE 8
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~10
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	10.10	07	23.76	29.90
03	7.92	14.06	08	27.72	33.86
04	11.88	18.02	09	31.68	37.82
05	15.84	21.98	10	35.64	41.78
06	19.80	25.94			

A3962W9-1XX1XXX

Pitch 3.96mm 90° Single row DIP Wafer



Specifications

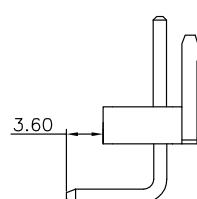
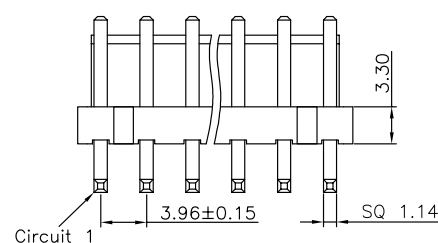
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A3962 series housing

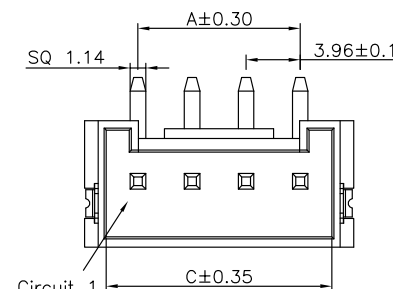
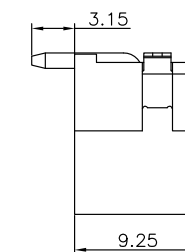
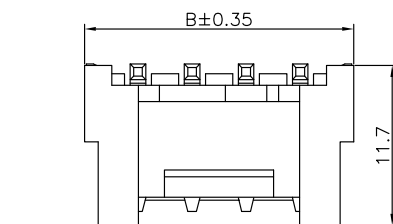
SERIES NO: A3962 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~15
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.92	09	31.68	35.64
03	7.92	11.88	10	35.64	39.60
04	11.88	15.84	11	39.60	43.56
05	15.84	19.80	12	43.56	47.52
06	19.80	23.76	13	47.52	51.48
07	23.76	27.72	14	51.48	55.44
08	27.72	31.68	15	55.44	59.40



A3962W0-1XX2XXX

Pitch 3.96mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

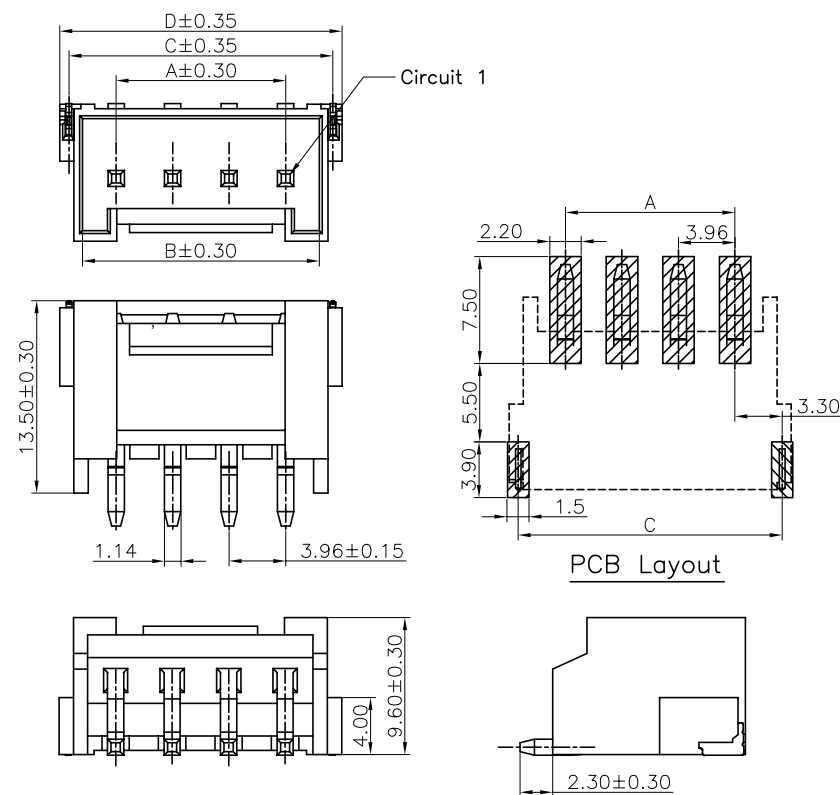
Mates with A3962 series housing

SERIES NO: A3962 W 0-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~10
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT

Circuits	Dimensions(mm)		
	A	B	C
02	---	11.88	8.60
03	7.92	15.84	12.56
04	11.88	19.80	16.52
05	15.84	23.76	20.48
06	19.80	27.72	24.44
07	23.76	31.68	28.40
08	27.72	35.64	32.36
09	31.68	39.60	36.32
10	35.64	43.56	40.28

A3962W9-1XX2XXX

Pitch 3.96mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

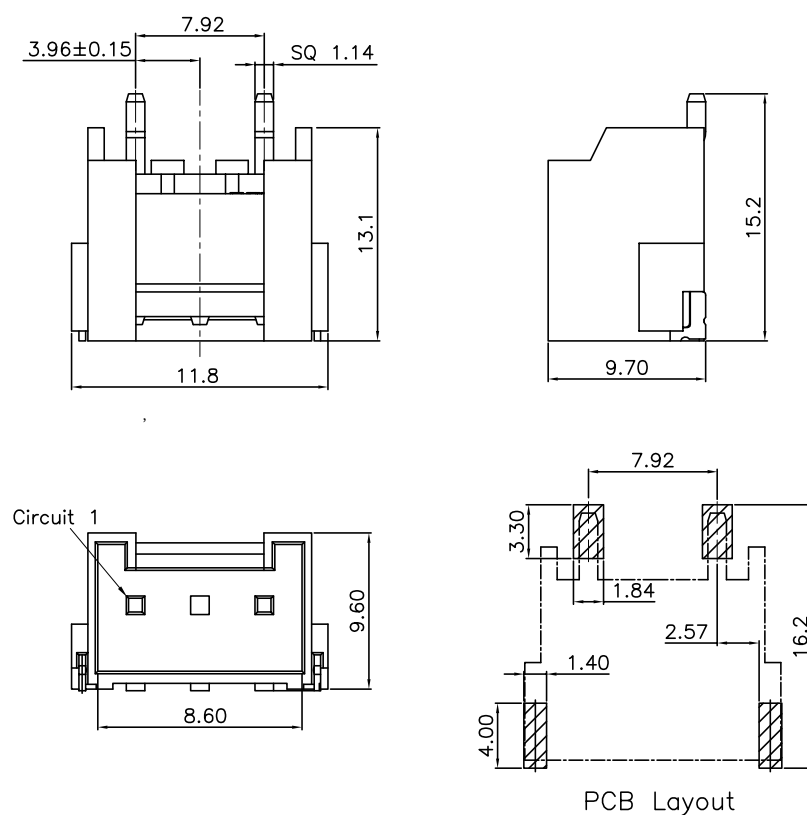
Mates with A3962 series housing

SERIES NO: A3962 W 9-1 XX 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q PY: 02~16
WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2	3.96	8.68	10.18	11.84	10	35.64	40.36	41.86	43.52
3	7.92	12.64	14.14	15.80	11	39.60	44.32	45.82	47.48
4	11.88	16.60	18.10	19.76	12	43.56	48.28	49.78	51.44
5	15.84	20.56	22.06	23.72	13	47.52	52.24	53.74	55.40
6	19.80	24.52	26.02	27.68	14	51.48	56.20	57.70	59.36
7	23.76	28.48	29.98	31.64	15	55.44	60.16	61.66	63.32
8	27.72	32.44	33.94	35.60	16	59.40	64.12	65.62	67.28
9	31.68	36.40	37.90	39.56					

A3962W91-1032XXX

Pitch 3.96mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

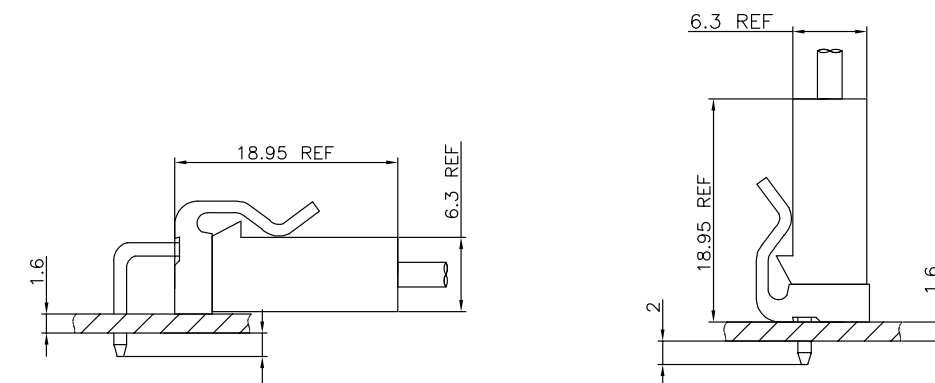
PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A3962 series housing

SERIES NO: A3962 W 9 1-1 03 2 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q PY: 03
WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 2-SMT

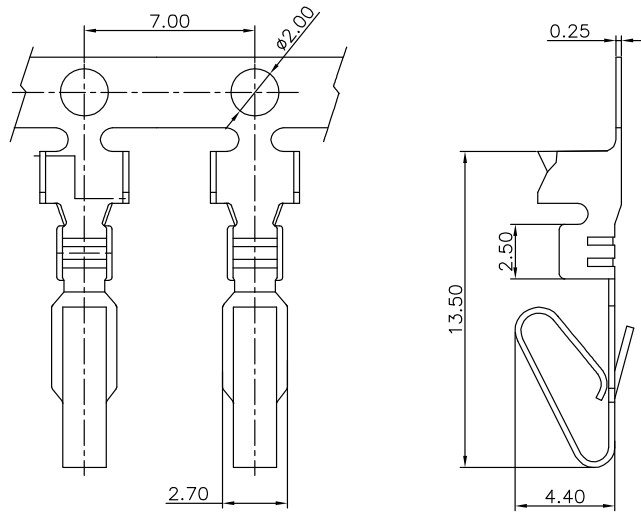
Assembly layout

wire to board



A3963TFX-X

Pitch 3.96mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Brass

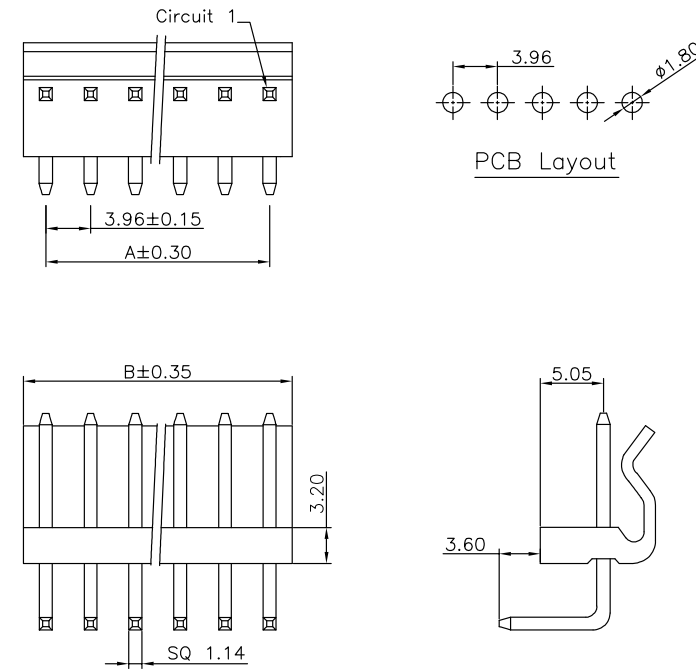
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#24
SUITABLE A3963 series Male housing

SERIES NO: A3963 T F X-X
CONNECTOR: T-TERMINAL
MALE/FEMALE: F-FEMALE, M-MALE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
METAL: P-PHOSPHOR BRONZE, B-BRASS

A3963W9-1XX1XXX

Pitch 3.96mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

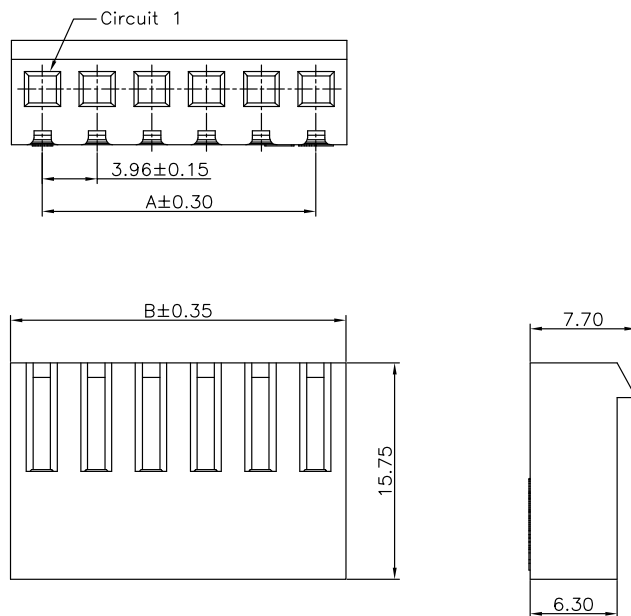
Mates with A3963 series housing

SERIES NO: A3963 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.92	12	43.56	47.52
03	7.92	11.88	13	47.52	51.48
04	11.88	15.84	14	51.48	55.44
05	15.84	19.80	15	55.44	59.40
06	19.80	23.76	16	59.40	63.36
07	23.76	27.72	17	63.36	67.32
08	27.72	31.68	18	67.32	71.28
09	31.68	35.64	19	71.28	75.24
10	35.64	39.60	20	75.24	79.20
11	39.60	43.56			

A3963H1M-1XXXX

Pitch 3.96mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2

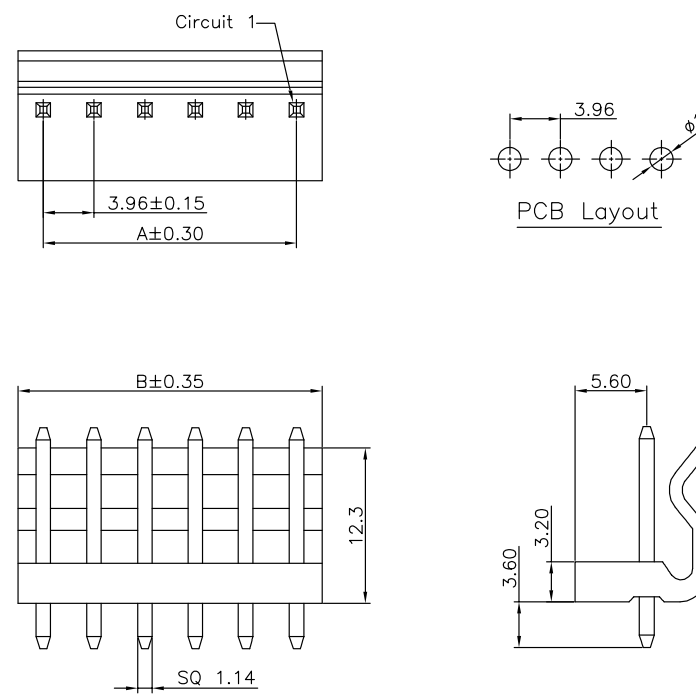
Suitable A3963 series Terminal
Mates With A3963 series Wafer

SERIES NO: A3963 H 1 M-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE/FEMALE: M-MALE, F-FEMALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK, K-WHITE, S-NATURE
PIN Q'PY: 02~20

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	8.43	12	43.56	48.03
03	7.92	12.39	13	47.52	51.99
04	11.88	16.35	14	51.48	55.95
05	15.84	20.31	15	55.44	59.91
06	19.80	24.27	16	59.40	63.87
07	23.76	28.23	17	63.36	67.83
08	27.72	32.19	18	67.32	71.79
09	31.68	36.15	19	71.28	75.75
10	35.64	40.11	20	75.24	79.71
11	39.60	44.07			

A3963W0-1XX1XXX

Pitch 3.96mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

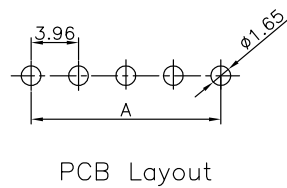
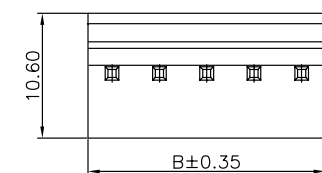
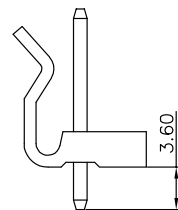
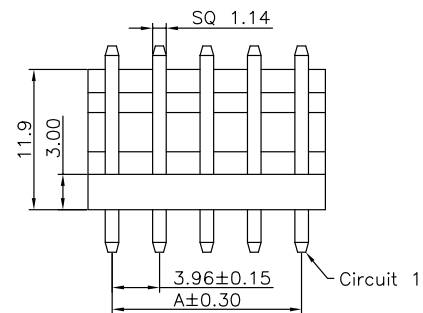
Mates with A3963 series housing

SERIES NO: A3963 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
WATER CODE: 0-N/A
COLOR: A-BLACK, K-WHITE, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.92	12	43.56	47.52
03	7.92	11.88	13	47.52	51.48
04	11.88	15.84	14	51.48	55.44
05	15.84	19.80	15	55.44	59.40
06	19.80	23.76	16	59.40	63.36
07	23.76	27.72	17	63.36	67.32
08	27.72	31.68	18	67.32	71.28
09	31.68	35.64	19	71.28	75.24
10	35.64	39.60	20	75.24	79.20
11	39.60	43.56			

A3963W01-1XX1XXX

Pitch 3.96mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

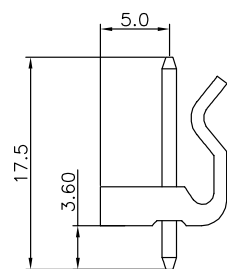
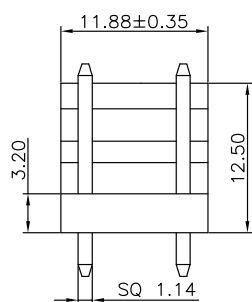
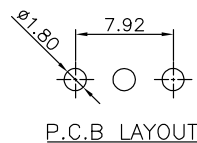
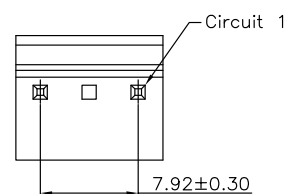
Mates with A3963 series housing

SERIES NO: A3963 W 0 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~14
WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	7.94	09	31.68	35.66
03	7.92	11.90	10	35.64	39.62
04	11.88	15.82	11	39.60	43.58
05	15.84	19.82	12	43.56	47.54
06	19.80	23.78	13	47.52	51.80
07	23.76	27.74	14	51.48	55.46
08	27.72	31.70			

A3963W02-1031XXX

Pitch 3.96mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-2
Contacts: Brass

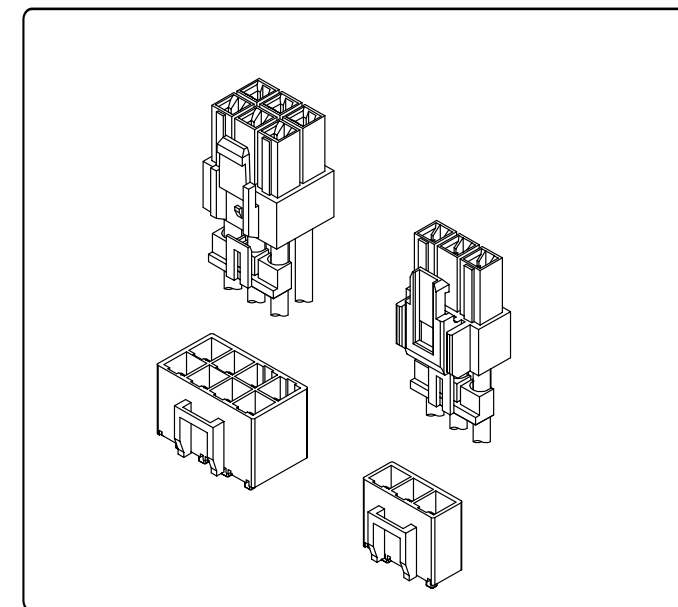
PLATING SPECIFICATION:
Contacts: Bright tin

Mates with A3963 series housing

SERIES NO: A3963 W 0 2-1 03 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
PIN Q'PY: 03
WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

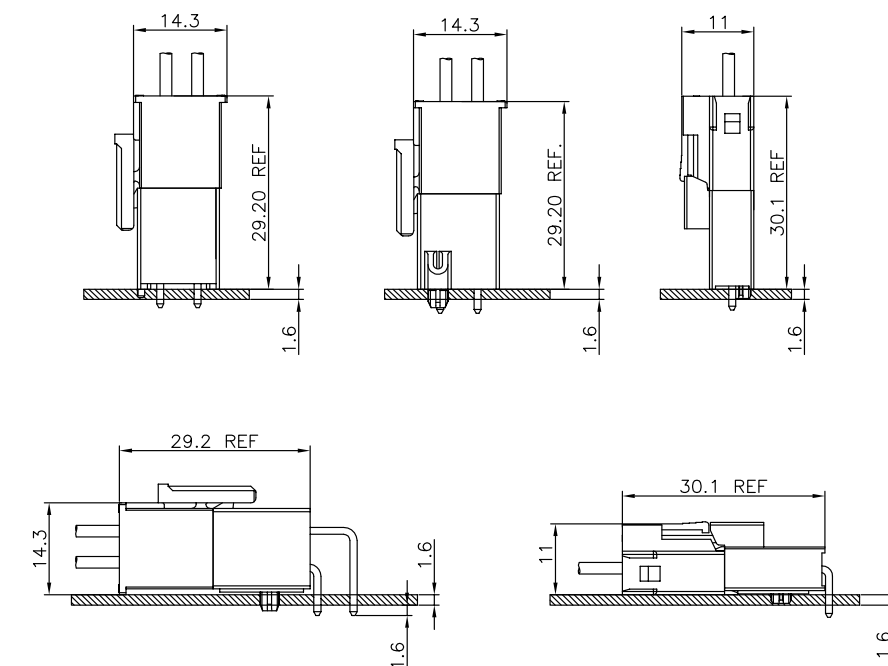
Specifications

Temperature range: -40°C~+105°C
Voltage rating: 250V
Current rating: 12A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC



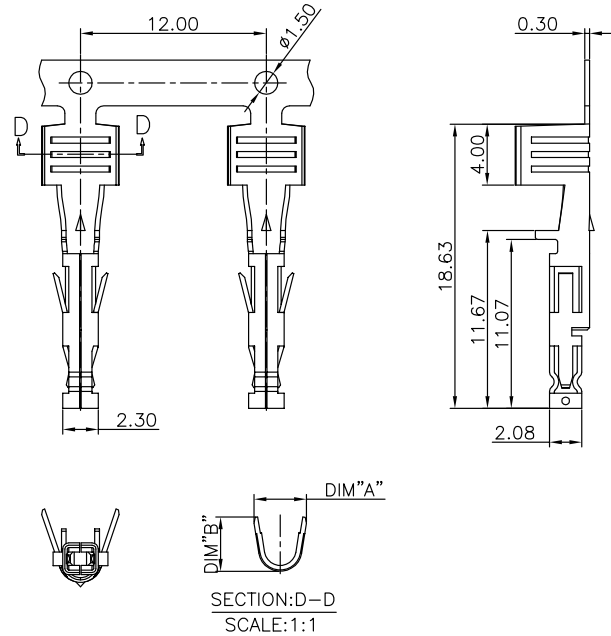
Assembly layout

wire to board



A5704TFXX-X

Pitch 5.70mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: High conductivity copper(C18400)

PLATING SPECIFICATION:
Bright tin

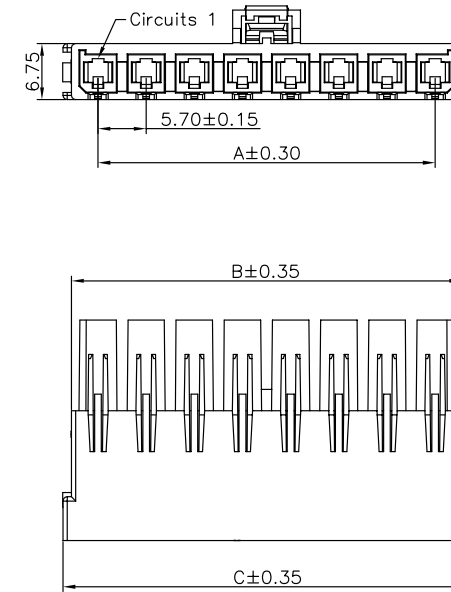
APPLICABLE WIRES:AWG #12-#16
SUITABLE A5704 series Male housing

SERIES NO: A5704 T F X X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
WIRE RANGE: 1-低脚 (14~16AWG) 2-高脚 (12AWG)
PLATING: 1-G/F A-ALL AU G/F C-BRIGHE TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS H-HIGH CONDUCTIVITY COPPER

Part NO	Wire range	DIM A	DIM B
A5704TF1H-C	#14~#16	3.40	3.55
A5704TF2H-C	#12	5.00	4.80

A5704HM-1XXXX

Pitch 5.70mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

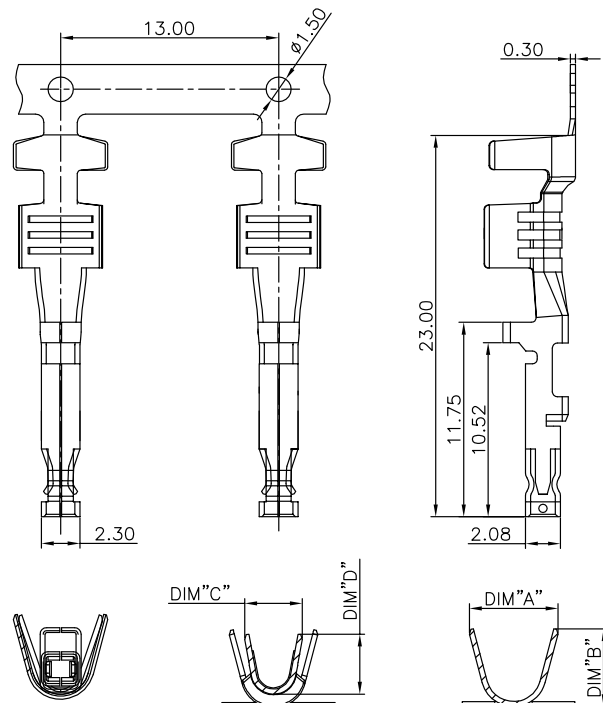
Suitable A5704 series Terminal
Mates With A5704 series Wafer

SERIES NO: A5704 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~08

Circuits	Dimensions(mm)		
	A	B	C
02	---	12.00	14.00
03	11.40	17.70	19.70
04	17.10	23.40	25.40
05	22.80	29.10	31.10
06	28.50	34.80	36.80
07	34.20	40.50	42.50
08	39.90	46.20	48.20

A5704T1FXX-X

Pitch 5.70mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: High conductivity copper(C18400)

PLATING SPECIFICATION:
Bright tin

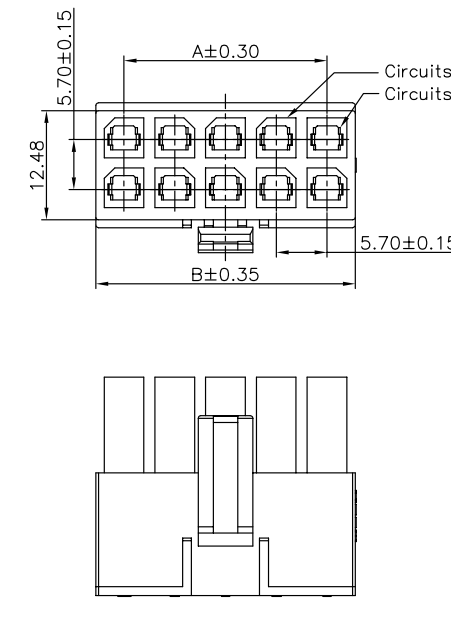
APPLICABLE WIRES:AWG #12-#16
SUITABLE A5704 series Male housing

SERIES NO: A5704 T 1 F X X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE: F-FEMALE
PLATING: A-ALL AU G/F C-BRIGHE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS H-HIGH CONDUCTIVITY COPPER
WIRE RANGE: 1-低脚 (14~16AWG) 2-高脚 (12AWG)

Part NO	Wire range	DIM A	DIM B	DIM C	DIM D
A5704T1F1H-X	#14~#16	5.20	4.65	3.40	3.55
A5704T1F2H-X	#12	5.60	5.15	5.00	4.80

A5704HM-2XXXX

Pitch 5.70mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

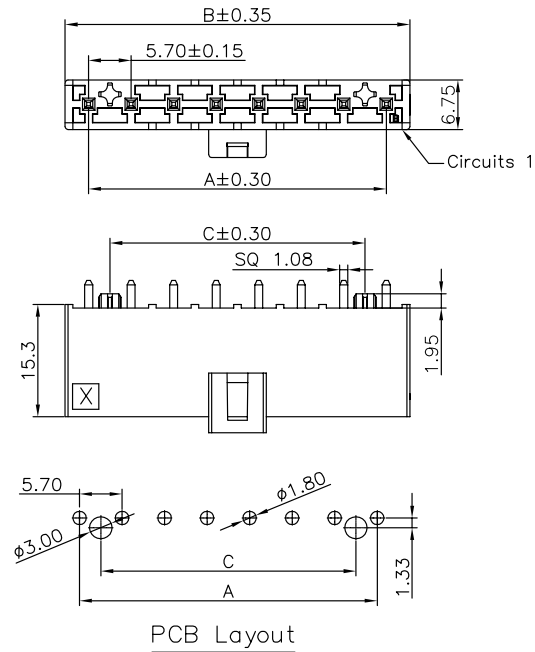
Suitable A5704 series Terminal
Mates With A5704 series Wafer

SERIES NO: A5704 H M-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 2-DOUBLE ROW
WATER CODE: 0-N/A
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~12

Circuits	Dimensions(mm)	
	A	B
2*01	---	8.50
2*02	5.70	12.30
2*03	11.40	18.00
2*04	17.10	23.80
2*05	22.80	29.50
2*06	28.50	35.30

A5704W0-1XX1XXX

Pitch 5.70mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

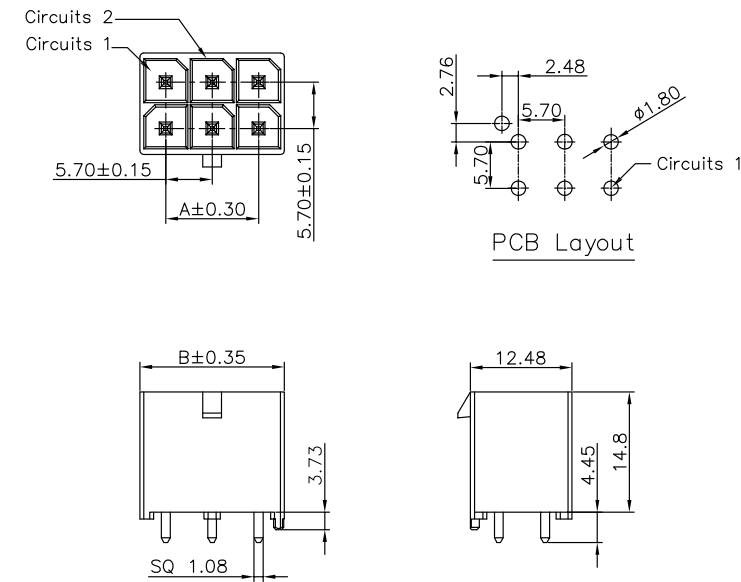
SERIES NO: A5704 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~08

WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		
	A	B	C
02	---	12.00	---
03	11.40	17.70	5.70
04	17.10	23.40	11.40
05	22.80	29.10	17.10
06	28.50	34.80	22.80
07	34.20	40.50	28.50
08	39.90	46.20	34.20

A5704W01-2XX1XXX

Pitch 5.70mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

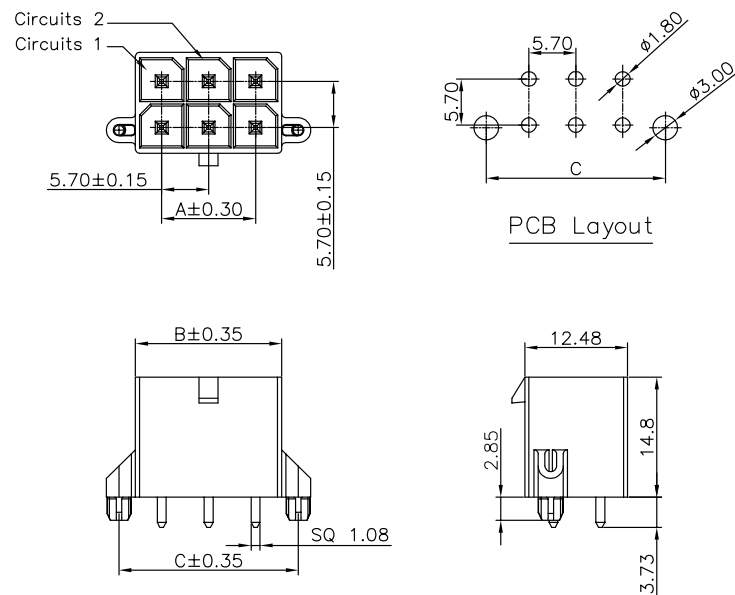
SERIES NO: A5704 W 0 1-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 02~12

WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
2*01	---	8.35
2*02	---	12.05
2*03	11.40	17.75
2*04	17.10	23.45
2*05	22.80	29.15
2*06	28.50	34.85

A5704W0-2XX1XX0

Pitch 5.70mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

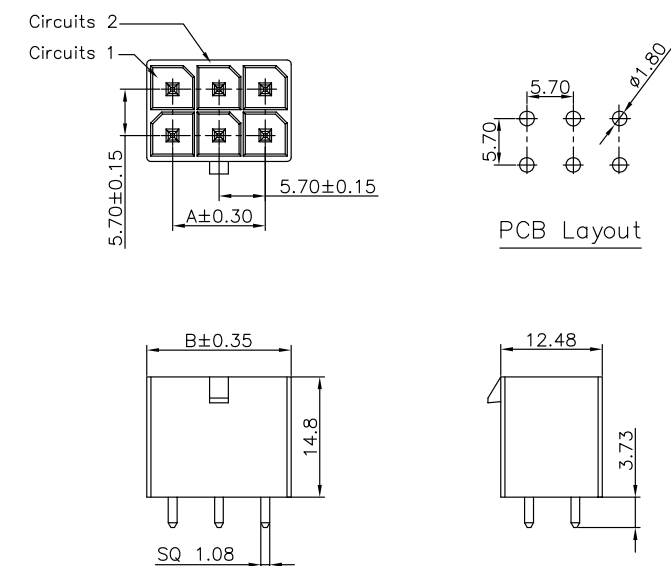
SERIES NO: A5704 W 0-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 02~12

WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		
	A	B	C
2*01	---	8.35	12.34
2*02	---	12.05	16.04
2*03	11.40	17.75	21.74
2*04	17.10	23.45	27.44
2*05	22.80	29.15	33.14
2*06	28.50	34.85	38.84

A5704W02-2XX1XXX

Pitch 5.70mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

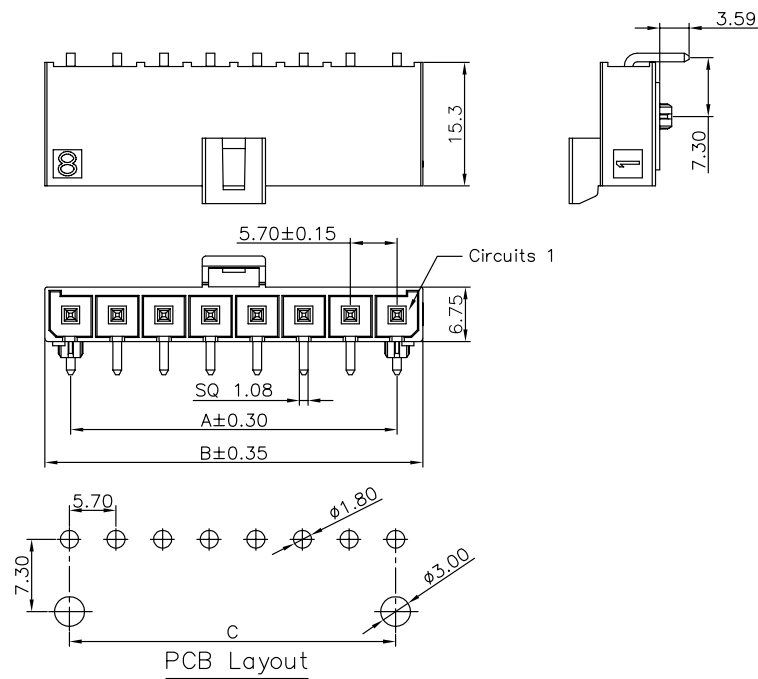
SERIES NO: A5704 W 0 2-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 02~12

WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)	
	A	B
2*01	---	8.35
2*02	---	12.05
2*03	11.40	17.75
2*04	17.10	23.45
2*05	22.80	29.15
2*06	28.50	34.85

A5704W9-1XX1XXX

Pitch 5.70mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

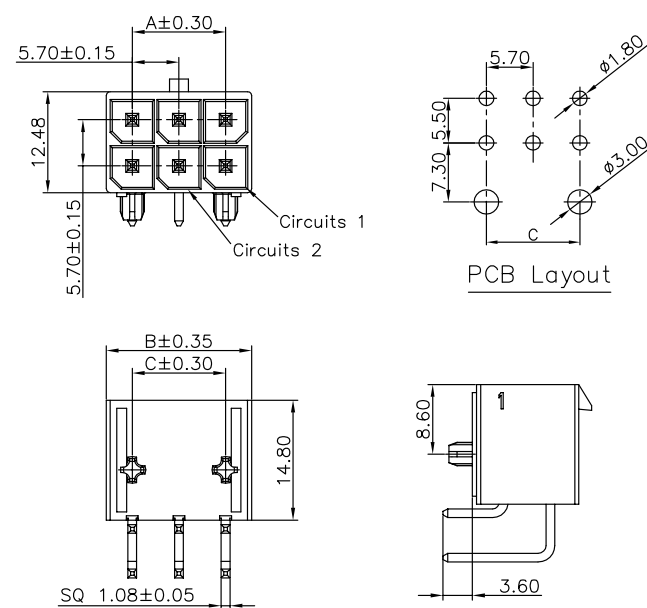
SERIES NO: A5704 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~08

WATER CODE: 0-N/A
COLOR: A-BLACK, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

Circuits	Dimensions(mm)		
	A	B	C
02	---	12.00	---
03	11.40	17.70	11.40
04	17.10	23.40	17.10
05	22.80	29.10	22.80
06	28.50	34.80	28.50
07	34.20	40.50	34.20
08	39.90	46.20	39.90

A5704W9-2XX1XXX

Pitch 5.70mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: High conductivity copper (C110)

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with A5704 series housing

SERIES NO: A5704 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~12

WATER CODE: 0-N/A
COLOR: A-BLACK, K-WHITE, S-NATURE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE Tin
TERMIPOINT: 1-DIP

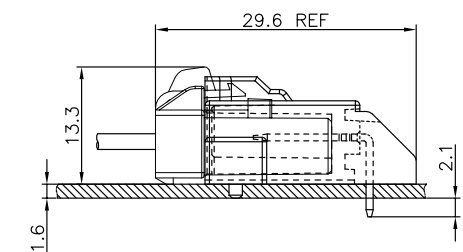
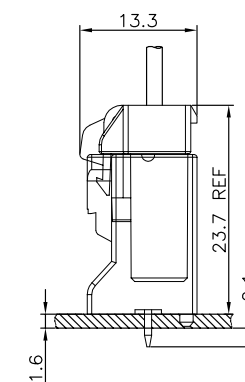
Circuits	Circuits		
	A	B	C
2*01	---	8.35	---
2*02	---	12.05	---
2*03	11.40	17.75	11.40
2*04	17.10	23.45	17.10
2*05	22.80	29.15	22.80
2*06	28.50	34.85	28.50

Specifications

Temperature range: -35°C~+90°C
Voltage rating:600V
Current rating:15~30A
Contact resistance:5mΩ Max
Insulation resistance:1000MΩ Min
Withstand voltage:2500V AC

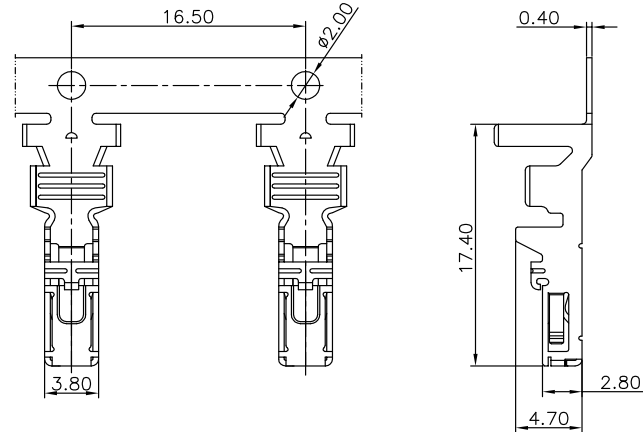
Assembly layout

wire to board



A7925TFXX-X

Pitch 7.92mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #10~#16
SUITABLE A7925 series housing

SERIES NO: A7925 T F X X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
TYPE CODE: 1-AWG#14~#16
2-AWG#10~#12

PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

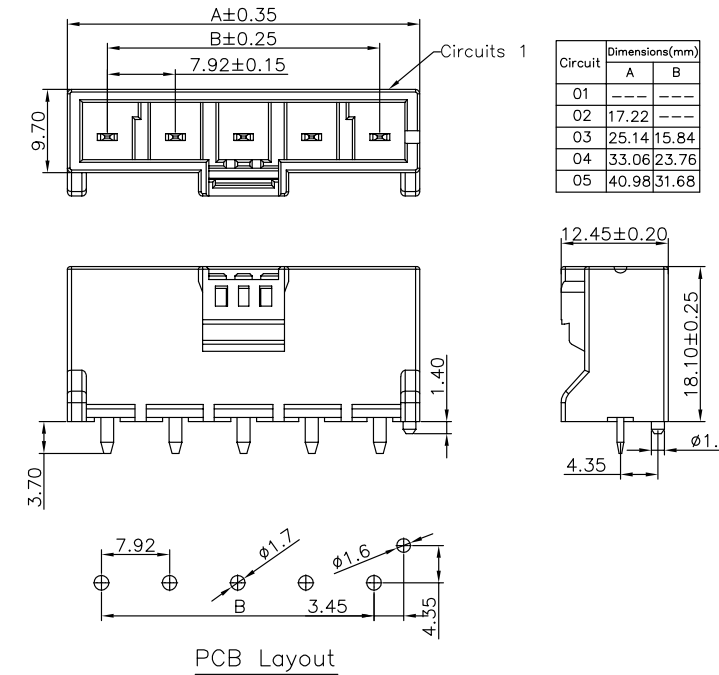
METAL:
P-PHOSPHOR BRONZE
B-BRASS

Specification:

Circuit	10 AWG	12 AWG	14 AWG	16 AWG
01	30A	25A	20A	15A
02	25A	20A	18A	15A
03	25A	20A	18A	15A
04	22A	18A	15A	13A
05	22A	18A	15A	13A

A7925W0-1XX1XX0

Pitch 7.92mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66+30%GF,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A7925 series housing

SERIES NO: A7925 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 01~05

COLOR:
A-BLACK
K-WHITE
C-RED

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

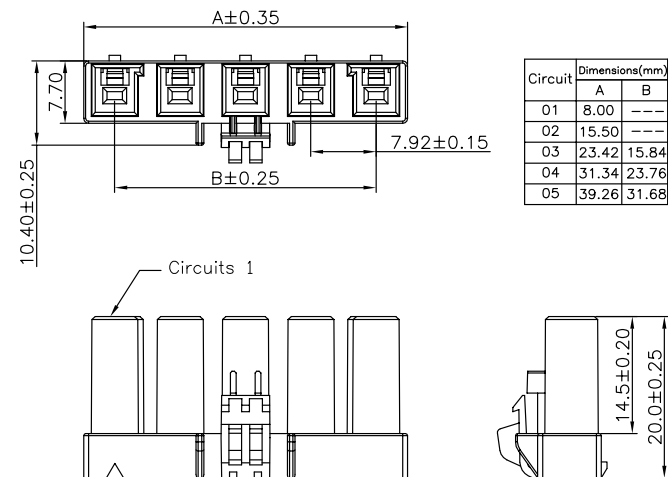
TERMIPOINT:
1-DIP

Specification:

Circuit	10 AWG	12 AWG	14 AWG	16 AWG
01	30A	25A	20A	15A
02	25A	20A	18A	15A
03	25A	20A	18A	15A
04	22A	18A	15A	13A
05	22A	18A	15A	13A

A7925HM-1XXX0

Pitch 7.92mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable A7925 series Terminal
Mates With A7925 series Wafer

SERIES NO: A7925 H M -1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE

COLOR:
A-BLACK
K-WHITE
C-RED

PIN Q'PY:
01~05PIN

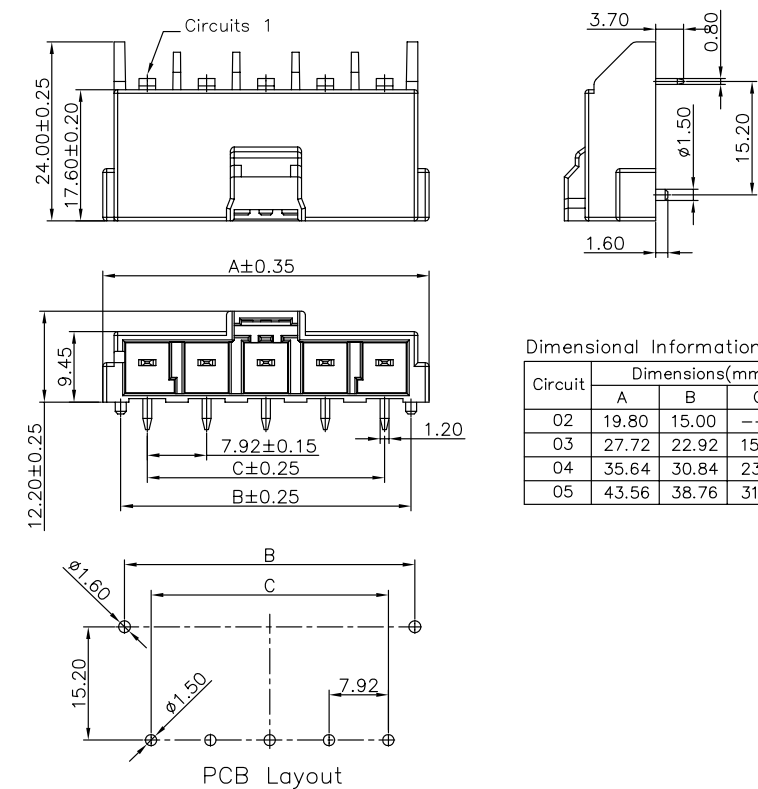
ROW NO:
1-SINGLE ROW

Specification:

Circuit	10 AWG	12 AWG	14 AWG	16 AWG
01	30A	25A	20A	15A
02	25A	20A	18A	15A
03	25A	20A	18A	15A
04	22A	18A	15A	13A
05	22A	18A	15A	13A

A7925W9-1XX1XX0

Pitch 7.92mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66+30%GF,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with A7925 series housing

SERIES NO: A7925 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~16

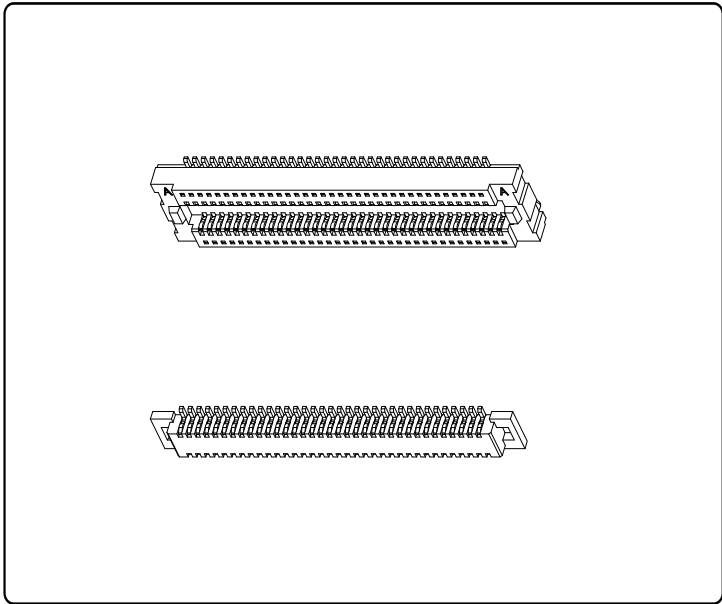
COLOR:
A-BLACK
K-WHITE
C-RED

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

TERMIPOINT:
1-DIP

Specification:

Circuit	10 AWG	12 AWG	14 AWG	16 AWG
01	30A	25A	20A	15A
02	25A	20A	18A	15A
03	25A	20A	18A	15A
04	22A	18A	15A	13A
05	22A	18A	15A	13A



Specifications

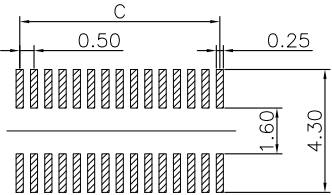
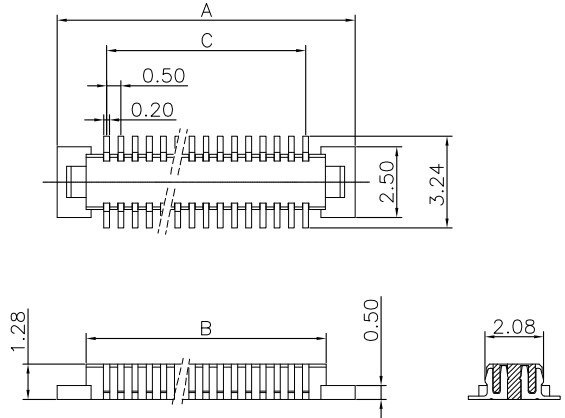
Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: 40mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 200V AC/minute

Assembly layout

board to board

B050112M0-2XX2XX01

Pitch 0.50mm 180 ° Double row SMT board to board



PCB LAYOUT

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,UL94V-0
Contacts: Phosphor

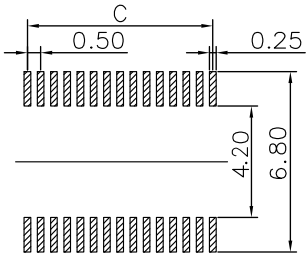
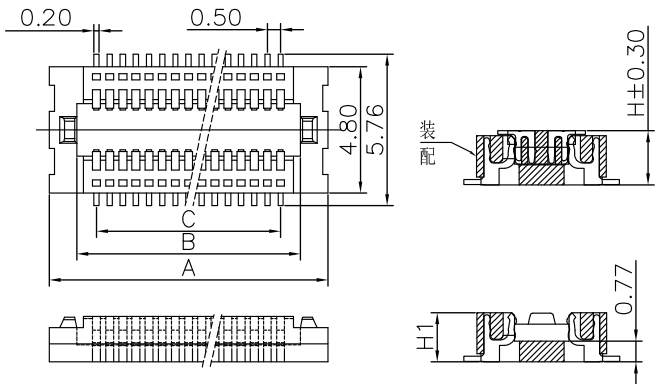
PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0501 12 M 0-2 XX 2 X X 01
HEIGHT: 12-1.28H
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 10~80pin
COLOR: A-BLACK K-WHITE S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMPPOINT: 2-SMT

Circuit	A	B	C	Circuit	A	B	C
10	5.50	3.40	2.00	50	15.50	13.40	12.0
12	6.00	3.90	2.50	52	16.00	13.90	12.5
14	6.50	4.40	3.00	54	16.50	14.40	13.0
16	7.00	4.90	3.50	56	17.00	14.90	13.5
18	7.50	5.40	4.00	58	17.50	15.40	14.0
20	8.00	5.90	4.50	60	18.00	15.90	14.5
22	8.50	6.40	5.00	62	18.50	16.40	15.0
24	9.00	6.90	5.50	64	19.00	16.90	15.5
26	9.50	7.40	6.00	66	19.50	17.40	16.0
28	10.00	7.90	6.50	68	20.00	17.90	16.5
30	10.50	8.40	7.00	70	20.50	18.40	17.0
32	11.00	8.90	7.50	72	21.00	18.90	17.5
34	11.50	9.40	8.00	74	21.50	19.40	18.0
36	12.00	9.90	8.50	76	22.00	19.90	18.5
38	12.50	10.40	9.00	78	22.50	20.40	19.0
40	13.00	10.90	9.50	80	23.00	20.90	19.5
42	13.50	11.40	10.00				
44	14.00	11.90	10.50				
46	14.50	12.40	11.00				
48	15.00	12.90	11.50				

B0501XXF0-2XX2XX01

Pitch 0.50mm 180 ° Double row SMT board to board



PCB LAYOUT

MATING HEIGHT	SOCKET(H1)
1.50	1.35
2.00	1.85
2.50	2.35

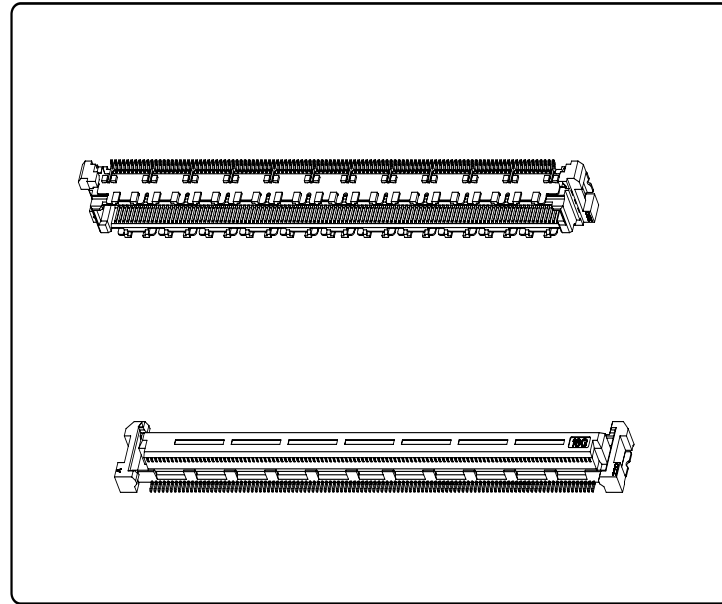
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0501 XX F 0-2 XX 2 X X 01
HEIGHT: 15-1.50H 20-2.00H 25-2.50H
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q' PY: 10~80pin
COLOR: A-BLACK K-WHITE S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMPPOINT: 2-SMT

Circuit	A	B	C	Circuit	A	B	C
10	5.60	3.50	2.00	54	16.60	14.50	13.00
12	6.10	4.00	2.50	56	17.10	15.00	13.50
14	6.60	4.50	3.00	58	17.60	15.50	14.00
16	7.10	5.00	3.50	60	18.10	16.00	14.50
18	7.60	5.50	4.00	62	18.60	16.50	15.00
20	8.10	6.00	4.50	64	19.10	17.00	15.50
22	8.60	6.50	5.00	66	19.60	17.50	16.00
24	9.10	7.00	5.50	68	20.10	18.00	16.50
26	9.60	7.50	6.00	70	20.60	18.50	17.00
28	10.10	8.00	6.50	72	21.10	19.00	17.50
30	10.60	8.50	7.00	74	21.60	19.50	18.00
32	11.10	9.00	7.50	76	22.10	20.00	18.50
34	11.60	9.50	8.00	78	22.60	20.50	19.00
36	12.10	10.00	8.50	80	23.10	21.00	19.50
38	12.60	10.50	9.00				
40	13.10	11.00	9.50				
42	13.60	11.50	10.00				
44	14.10	12.00	10.50				
46	14.60	12.50	11.00				
48	15.10	13.00	11.50				
50	15.60	13.50	12.00				
52	16.10	14.00	12.50				

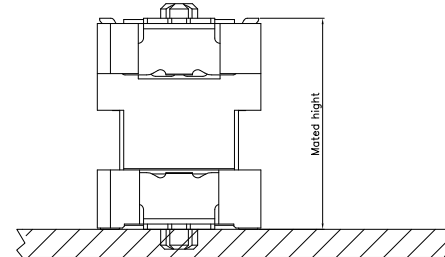
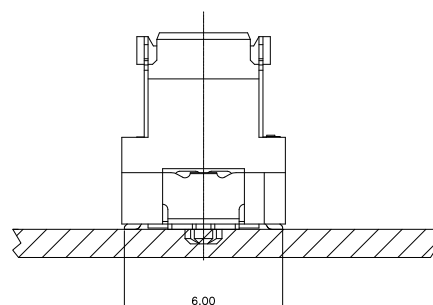


Specifications

Temperature range: $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$
Voltage rating: 12V
Current rating: 0.5A
Contact resistance: $20\text{m}\Omega$ Max
Insulation resistance: $100\text{M}\Omega$ Min
Withstand voltage: 200V AC/minute

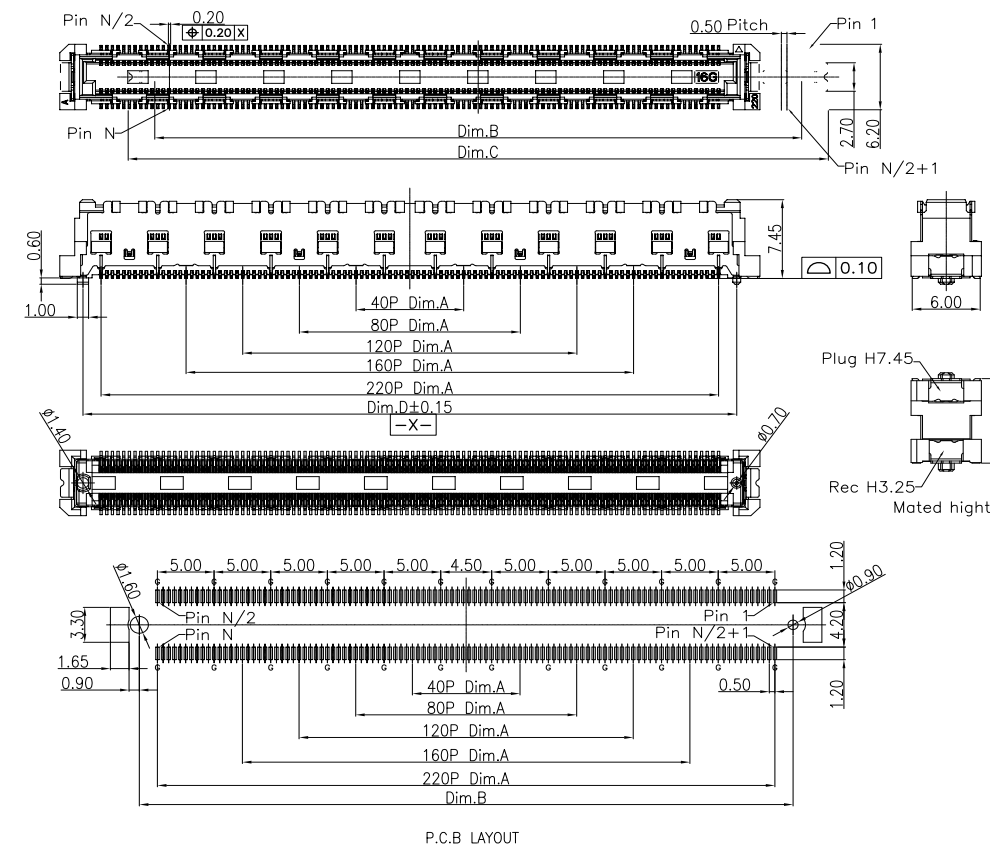
Assembly layout

board to board



B0501AV-2XXA-5KXDX

Pitch 0.50mm 180 ° Double row SMT board to board
H=7.45



Specifications

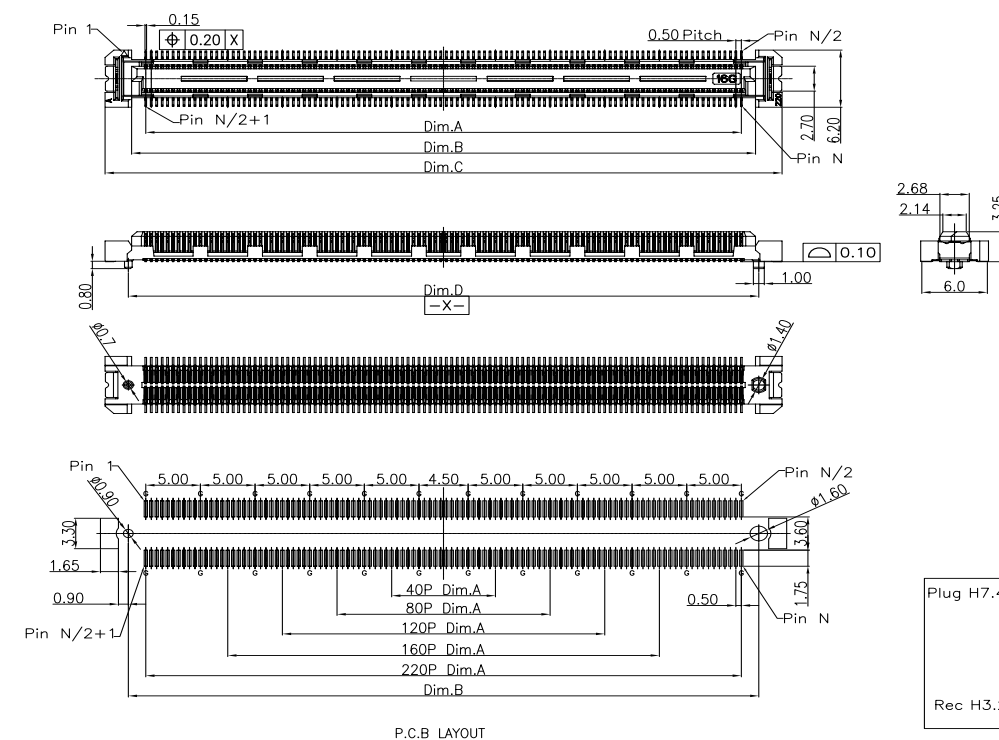
MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Cap: LCP UL94V-0
Contacts: Brass
Clip: Brass
Ground: Phosphor

PLATING SPECIFICATION:
Contacts: Plated contact area Au 8u",
soldering area Au 1u"
Clip: Plated tin over
Ground: Plated Ni all over

Circuit	A	B	C	D	E
40	9.50	12.10	16.8	12.70	10.50
80	19.50	22.10	26.8	22.70	20.50
120	29.50	32.10	36.8	32.70	30.50
160	39.50	42.10	46.8	42.70	40.50
220	54.50	57.10	61.8	57.70	55.50

B0501WV-2XXA-5KXAX

Pitch 0.50mm 180 ° Double row SMT board to board
H=3.25

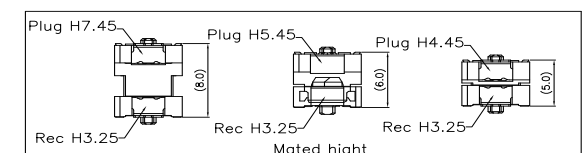


Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Cap: LCP UL94V-0
Contacts: Phosphor
Clip: Brass

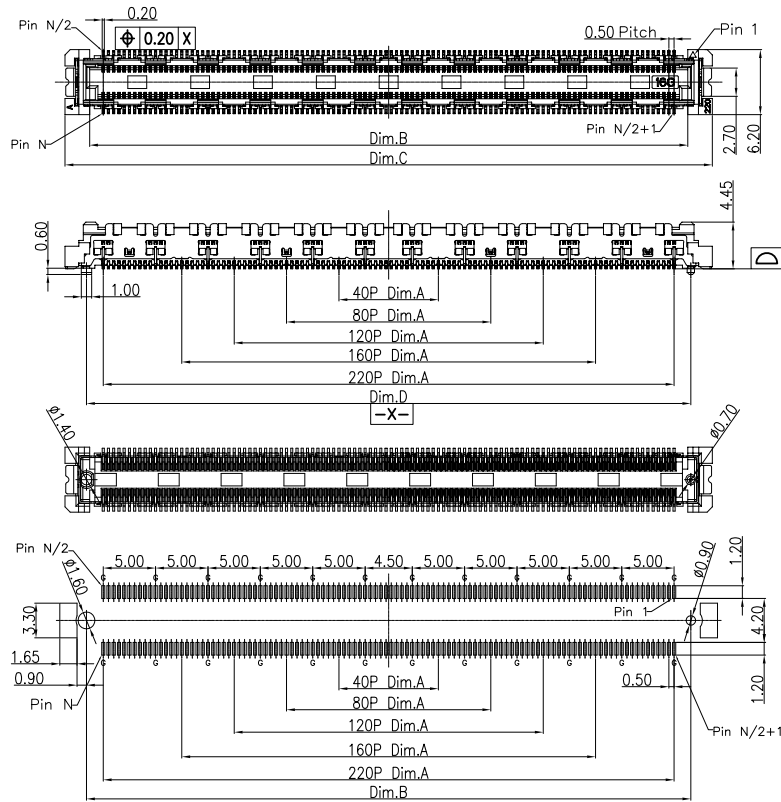
PLATING SPECIFICATION:
Contacts: Plated contact area Au 8u",
soldering area Au 1u"
Clip: Plated tin over

Circuit	A	B	C	D
40	9.50	12.10	17.0	12.70
80	19.50	22.10	27.0	22.70
120	29.50	32.10	37.0	32.70
160	39.50	42.10	47.0	42.70
220	54.50	57.10	62.0	57.70



B0501AV-2XXA-5KXAX

Pitch 0.50mm 180 ° Double row SMT board to board
H=4.45

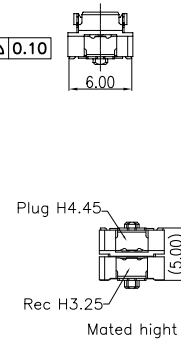


P.C.B LAYOUT

Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Cap: LCP UL94V-0
Contacts: Brass
Clip: Brass
Ground: Phosphor

PLATING SPECIFICATION:
 Contacts: Plated contact area Au 8u",
 soldering area Au 1u"
 Clip: Plated tin over
 Ground: Plated Ni all over

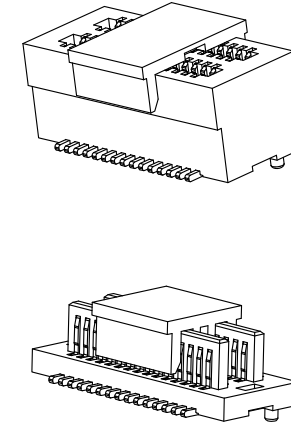


B0501AV-2XX A-5KXAX
 Series Code
 W:REC.
 A:Plug
 Soldering Type
 V:SMT 180°
 Array
 2:Double Row
 Pin No.
 20: 40Pin
 40: 80Pin
 60: 120Pin
 80: 160Pin
 1:8G
 3:16G
 Height
 A: H=4.45mm
 Packing:
 A:HF.Tray
 (Anti static electricity)
 R:HF.Tape&Reel
 Plating
 5K: 8u"
 Housing Color
 A:Black

Circuit	A	B	C	D
40	9.50	12.10	16.8	12.70
80	19.50	22.10	26.8	22.70
120	29.50	32.10	36.8	32.70
160	39.50	42.10	46.8	42.70
220	54.50	57.10	61.8	57.70

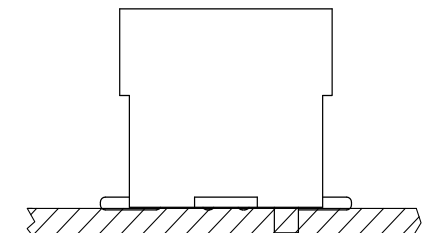
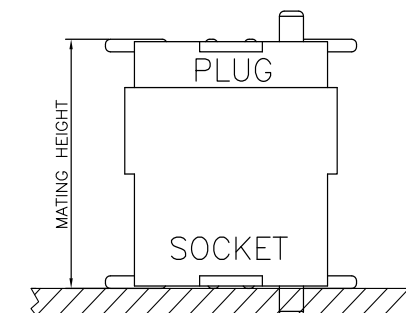
Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 60V
Current rating: 0.5A
Contact resistance: 60mΩ Max
Insulation resistance: 800MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board



B0502XXM0-2XX2XX01

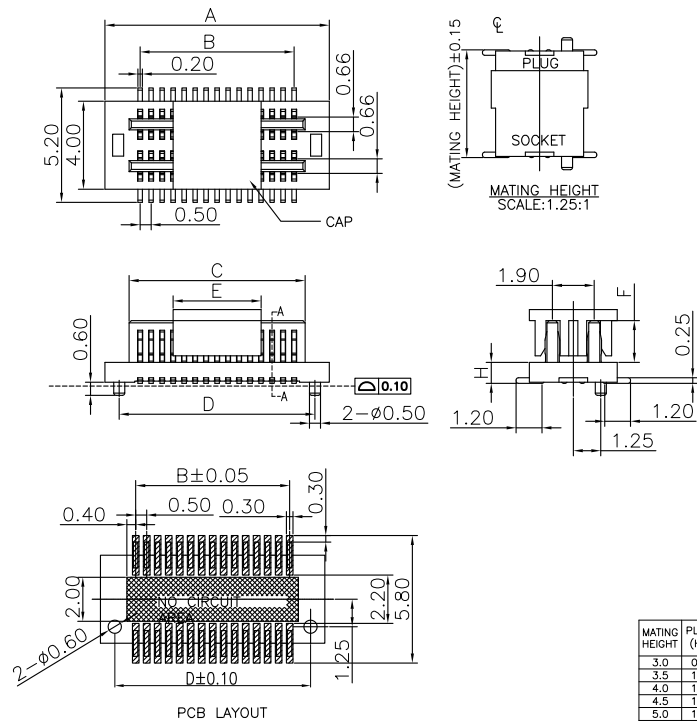
Pitch 0.50mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0502 XX M 0-2 XX 2 X X 01
HEIGHT: 08-0.8H
10-1.0H
13-1.3H
20-2.0H
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
O1:TYPE 01
O2:TYPE 02
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: Z-SMT
PIN Q' PY: 08~80pin

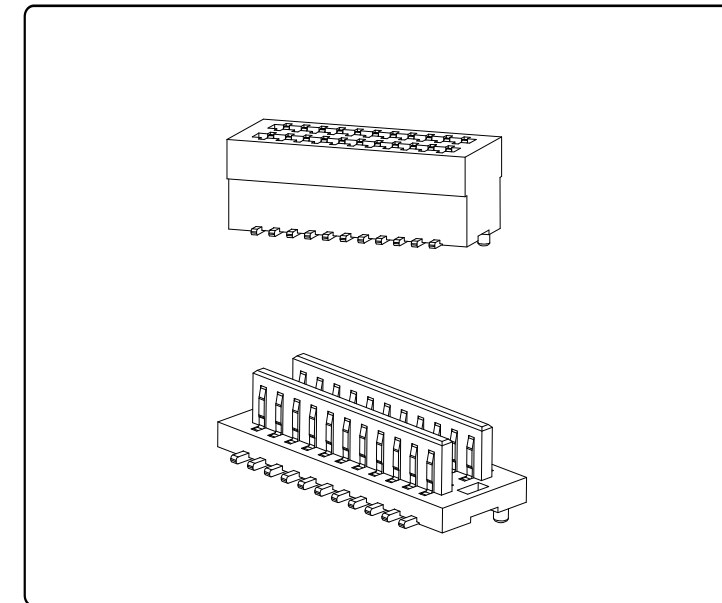


MATING HEIGHT (H.)	PLUG (H.)	SOCKET (H.)	F
3.0	0.8	2.2	1.6
3.5	1.3	2.2	1.6
4.0	1.0	3.0	1.9
4.5	1.0	3.5	1.9
5.0	1.0	4.0	1.9
5.5	1.0	4.5	1.9
6.0	2.0	4.0	1.9
6.5	2.0	4.5	1.9

Circuit	A	B	C	D	E	Circuit	A	B	C	D	E
4	3.70	0.50	1.50	2.40		54	16.20	13.00	14.00	14.90	
6	4.20	1.00	2.00	2.90		56	16.70	13.50	14.50	15.40	
8	4.70	1.50	2.50	3.40		58	17.20	14.00	15.00	15.90	
10	5.20	2.00	3.00	3.90		60	17.70	14.50	15.50	16.40	
12	5.70	2.50	3.50	4.40		62	18.20	15.00	16.00	16.90	
14	6.20	3.00	4.00	4.90		64	18.70	15.50	16.50	17.40	
16	6.70	3.50	4.50	5.40		66	19.20	16.00	17.00	17.90	
18	7.20	4.00	5.00	5.90		68	19.70	16.50	17.50	18.40	
20	7.70	4.50	5.50	6.40		70	20.20	17.00	18.00	18.90	
22	8.20	5.00	6.00	6.90		72	20.70	17.50	18.50	19.40	
24	8.70	5.50	6.50	7.40		74	21.20	18.00	19.00	19.90	
26	9.20	6.00	7.00	7.90		76	21.70	18.50	19.50	20.40	
28	9.70	6.50	7.50	8.40		78	22.20	19.00	20.00	20.90	
30	10.20	7.00	8.00	8.90		80	22.70	19.50	20.50	21.40	
32	10.70	7.50	8.50	9.40		82	23.20	20.00	21.00	21.90	
34	11.20	8.00	9.00	9.90		84	23.70	20.50	21.50	22.40	
36	11.70	8.50	9.50	10.40		86	24.20	21.00	22.00	22.90	
38	12.20	9.00	10.00	10.90		88	24.70	21.50	22.50	23.40	
40	12.70	9.50	10.50	11.40		90	25.20	22.00	23.00	23.90	
42	13.20	10.00	11.00	11.90		92	25.70	22.50	23.50	24.40	
44	13.70	10.50	11.50	12.40		94	26.20	23.00	24.00	24.90	
46	14.20	11.00	12.00	12.90		96	26.70	23.50	24.50	25.40	
48	14.70	11.50	12.50	13.40		98	27.20	24.00	25.00	25.90	
50	15.20	12.00	13.00	13.90		100	27.70	24.50	25.50	26.40	
52	15.70	12.50	13.50	14.40							

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 60V
Current rating: 0.5A
Contact resistance: 60mΩ Max
Insulation resistance: 800MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board

B0502XXF0-2XX2XX01

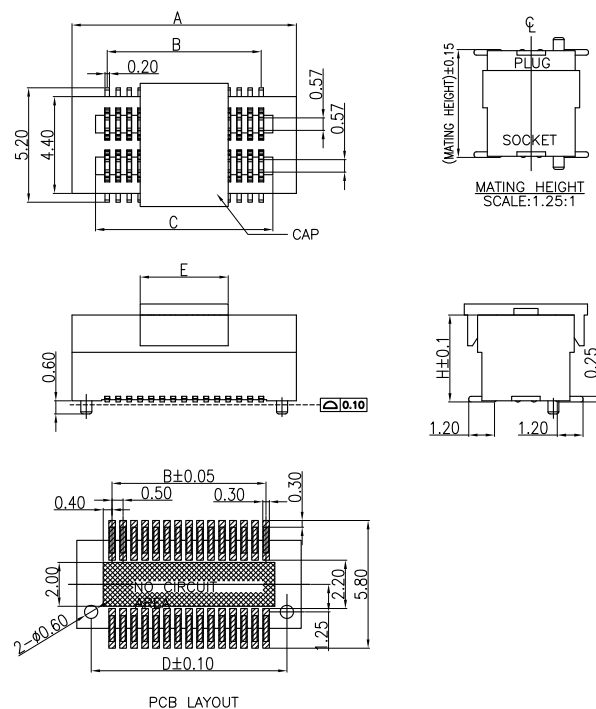
Pitch 0.50mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,UL94V-0
Contacts: Phosphor

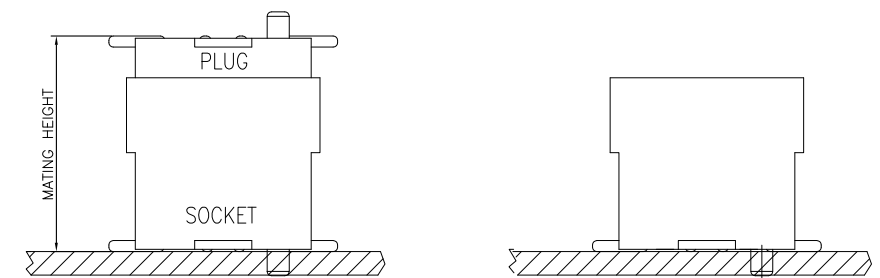
PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0502 XX F 0-2 XX 2 X X 01
HEIGHT: 22-2.2H
30-3.0H
35-3.5H
40-4.0H
45-4.5H
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
COLOR: A-BLACK
K-WHITE
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: Z-SMT
PIN Q' PY: 08~80pin



MATING HEIGHT (H.)	PLUG (H.)	SOCKET (H.)
3.0	0.8	2.2
3.5	1.3	2.2
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5
7.0	4.0	3.0
7.5	4.0	3.5
8.0	4.0	4.0
8.5	4.0	4.5

Circuit	A	B	C	D	E	Circuit	A	B	C	D	E
4	3.70	0.50	1.50	2.40		54	16.20	13.00	14.00	14.90	
6	4.20	1.00	2.00	2.90		56	16.70	13.50	14.50	15.40	
8	4.70	1.50	2.50	3.40		58	17.20	14.00	15.00	15.90	
10	5.20	2.00	3.00	3.90		60	17.70	14.50	15.50	16.40	
12	5.70	2.50	3.50	4.40		62	18.20	15.00	16.00	16.90	
14	6.20	3.00	4.00	4.90		64	18.70	15.50	16.50	17.40	
16	6.70	3.50	4.50	5.40		66	19.20	16.00	17.00	17.90	
18	7.20	4.00	5.00	5.90		68	19.70	16.50	17.50	18.40	
20	7.70	4.50	5.50	6.40		70	20.20	17.00	18.00	18.90	
22	8.20	5.00	6.00	6.90		72	20.70	17.50	18.50	19.40	
24	8.70	5.50	6.50	7.40		74	21.20	18.00	19.00	19.90	
26	9.20	6.00	7.00	7.90		76	21.70	18.50	19.50	20.40	
28	9.70	6.50	7.50	8.40		78	22.20	19.00	20.00	20.90	
30	10.20	7.00	8.00	8.90		80	22.70	19.50	20.50	21.40	
32	10.70	7.50	8.50	9.40		82	23.20	20.00	21.00	21.90	
34	11.20	8.00	9.00	9.90		84	23.70	20.50	21.50	22.40	
36	11.70	8.50	9.50	10.40		86	24.20	21.00	22.00	22.90	
38	12.20	9.00	10.00	10.90		88	24.70	21.50	22.50	23.40	
40	12.70	9.50	10.50	11.40		90	25.20	22.00	23.00	23.90	
42	13.20	10.00	11.00	11.90		92	25.70	22.50	23.50	24.40	
44	13.70	10.50	11.50	12.40		94	26.20	23.00	24.00	24.90	
46	14.20	11.00	12.00	12.90		96	26.70	23.50	24.50	25.40	
48	14.70	11.50	12.50	13.40		98	27.20	24.00	25.00	25.90	
50	15.20	12.00	13.00	13.90		100	27.70	24.50	25.50	26.40	
52	15.70	12.50	13.50	14.40							



B0801XXM0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

Specifications

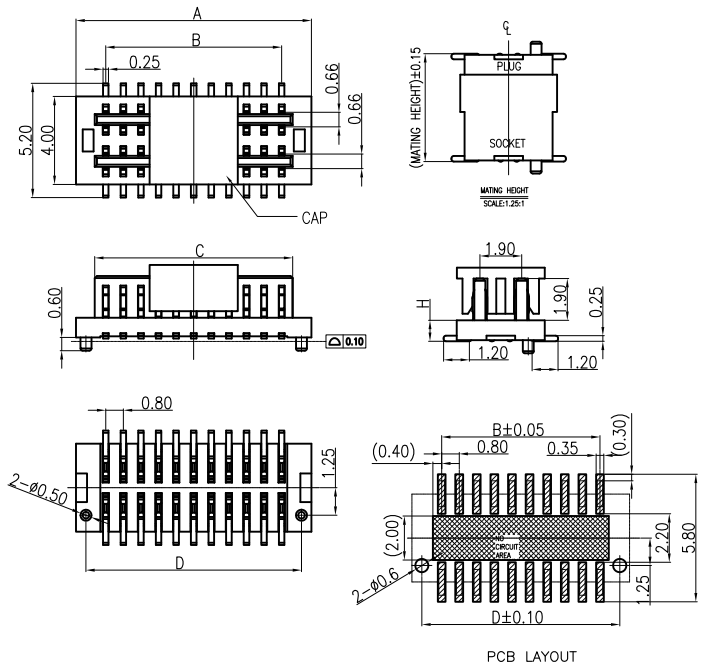
MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0801 XX M 0-2 XX 2 X X 01
PLUG HEIGHT:
10-1.0H;
20-2.0H;
MALE FEMALE:
M-MALE
ANGLE:
0-180°
ROW NO:
2-DOUBLE ROW
PIN Q'PY:
08~80pin
COLOR:
A-BLACK
K-WHITE
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
2-SMT

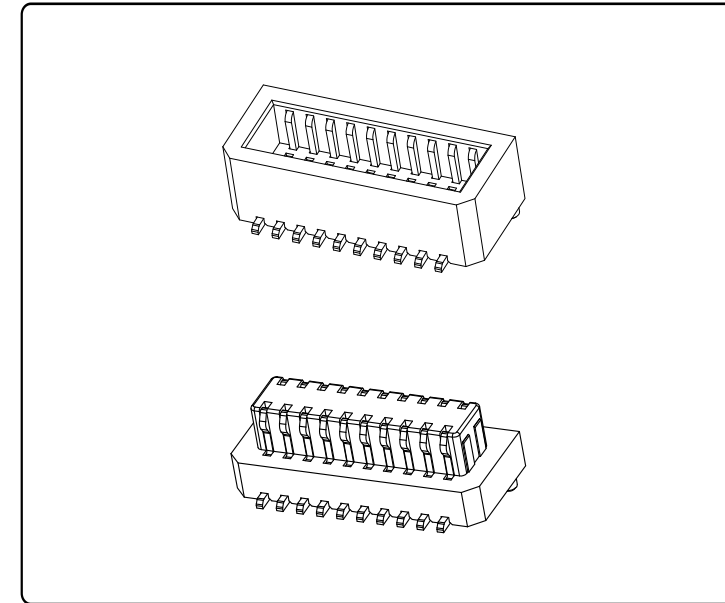
Circuit	Dimensions				Circuit	Dimensions			
	A	B	C	D		A	B	C	D
04	3.50	0.80	1.86	2.60	54	23.50	20.80	21.86	22.80
06	4.30	1.60	2.66	3.40	56	24.30	21.60	22.66	23.40
08	5.10	2.40	3.46	4.20	58	25.10	22.40	23.46	24.20
10	5.90	3.20	4.26	5.00	60	25.90	23.20	24.26	25.00
12	6.70	4.00	5.06	5.80	62	26.70	24.00	25.06	25.80
14	7.50	4.80	5.86	6.60	64	27.50	24.80	25.86	26.60
16	8.30	5.60	6.66	7.40	66	28.30	25.60	26.66	27.40
18	9.10	6.40	7.46	8.20	68	29.10	26.40	27.46	28.20
20	9.90	7.20	8.26	9.00	70	29.90	27.20	28.26	29.00
22	10.70	8.00	9.06	9.80	72	30.70	28.00	29.06	29.80
24	11.50	8.80	9.86	10.60	74	31.50	28.80	29.86	30.60
26	12.30	9.60	10.66	11.40	76	32.30	29.60	30.66	31.40
28	13.10	10.40	11.46	12.20	78	33.10	30.40	31.46	32.20
30	13.90	11.20	12.26	13.00	80	33.90	31.20	32.26	33.00
32	14.70	12.00	13.06	13.80	82	34.70	32.00	33.06	33.80
34	15.50	12.80	13.86	14.60	84	35.50	32.80	33.86	34.60
36	16.30	13.60	14.66	15.40	86	36.30	33.60	34.66	35.40
38	17.10	14.40	15.46	16.20	88	37.10	34.40	35.46	36.20
40	17.90	15.20	16.26	17.00	90	37.90	35.20	36.26	37.00
42	18.70	16.00	17.06	17.80	92	38.70	36.00	37.06	37.80
44	19.50	16.80	17.86	18.60	94	39.50	36.80	37.86	38.60
46	20.30	17.60	18.66	19.40	96	40.30	37.60	38.66	39.40
48	21.10	18.40	19.46	20.20	98	41.10	38.40	39.46	40.20
50	21.90	19.20	20.26	21.00	100	41.90	39.20	40.26	41.00

MATING HEIGHT (H)	PLUG (H)	SOCKET (H)
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5



Specifications

Temperature range: -25°C~+85°C
Voltage rating: 60V
Current rating: 0.5A
Contact resistance: 60mΩ Max
Insulation resistance: 800MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board

B0801XXF0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

Specifications

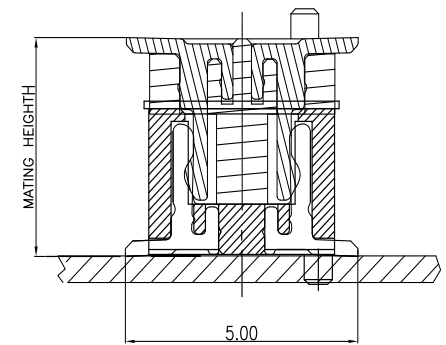
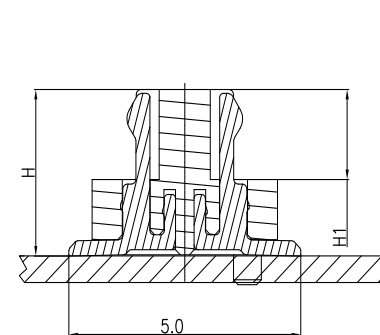
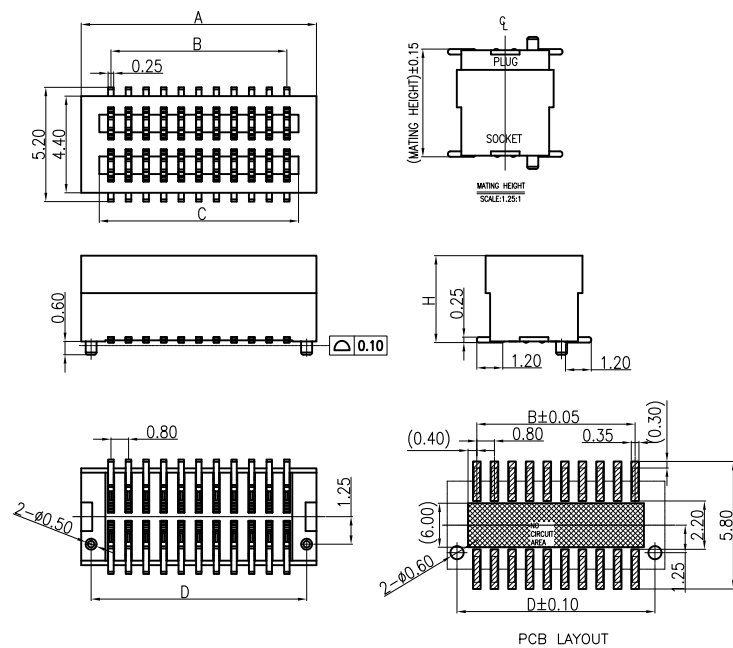
MATERIAL SPECIFICATION:
Housing: PA9T,UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0801 XX F 0-2 XX 2 X X 01
SOCKET HEIGHT:
30-3.0H;
35-3.5H;
40-4.0H;
45-4.5H;
MALE FEMALE:
F-FEMALE
ANGLE:
0-180°
ROW NO:
2-DOUBLE ROW
COLOR:
A-BLACK
K-WHITE
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
2-SMT
PIN Q'PY:
08~80pin

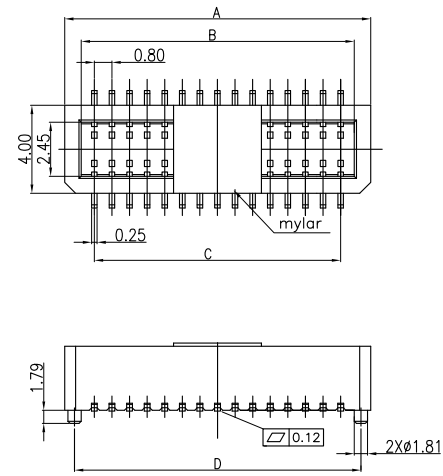
Circuit	Dimensions				Circuit	Dimensions			
	A	B	C	D		A	B	C	D
04	3.50	0.80	1.86	2.60	54	23.50	20.80	21.86	22.80
06	4.30	1.60	2.66	3.40	56	24.30	21.60	22.66	23.40
08	5.10	2.40	3.46	4.20	58	25.10	22.40	23.46	24.20
10	5.90	3.20	4.26	5.00	60	25.90	23.20	24.26	25.00
12	6.70	4.00	5.06	5.80	62	26.70	24.00	25.06	25.80
14	7.50	4.80	5.86	6.60	64	27.50	24.80	25.86	26.60
16	8.30	5.60	6.66	7.40	66	28.30	25.60	26.66	27.40
18	9.10	6.40	7.46	8.20	68	29.10	26.40	27.46	28.20
20	9.90	7.20	8.26	9.00	70	29.90	27.20	28.26	29.00
22	10.70	8.00	9.06	9.80	72	30.70	28.00	29.06	29.80
24	11.50	8.80	9.86	10.60	74	31.50	28.80	29.86	30.60
26	12.30	9.60	10.66	11.40	76	32.30	29.60	30.66	31.40
28	13.10	10.40	11.46	12.20	78	33.10	30.40	31.46	32.20
30	13.90	11.20	12.26	13.00	80	33.90	31.20	32.26	33.00
32	14.70	12.00	13.06	13.80	82	34.70	32.00	33.06	33.80
34	15.50	12.80	13.86	14.60	84	35.50	32.80	33.86	34.60
36	16.30	13.60	14.66	15.40	86	36.30	33.60	34.66	35.40
38	17.10	14.40	15.46	16.20	88	37.10	34.40	35.46	36.20
40	17.90	15.20	16.26	17.00	90	37.90	35.20	36.26	37.00
42	18.70	16.00	17.06	17.80	92	38.70	36.00	37.06	37.80
44	19.50	16.80	17.86	18.60	94	39.50	36.80	37.86	38.60
46	20.30	17.60	18.66	19.40	96	40.30	37.60	38.66	39.40
48	21.10	18.40	19.46	20.20	98	41.10	38.40	39.46	40.20
50	21.90	19.20	20.26	21.00	100	41.90	39.20	40.26	41.00

MATING HEIGHT (H)	PLUG (H)	SOCKET (H)
4.0	1.0	3.0
4.5	1.0	3.5
5.0	1.0	4.0
5.5	1.0	4.5
6.0	2.0	4.0
6.5	2.0	4.5



B0802XXF0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board



Specifications

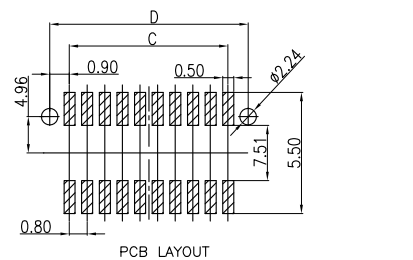
MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0802 XX F 0-2 XX 2 X X 01
HEIGHT: 29-2.9H, 34-3.4H, 39-3.9H
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
COLOR: S-NATURE, A-BLACK, K-WHITE
PLATING: A-ALL AU G/F, 1-G/F, C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 08~50

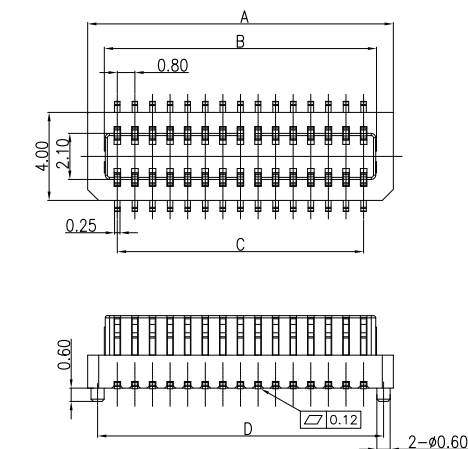
MATING HEIGHT	H
4.00H	2.90
4.50H	
5.00H	
5.50H	3.40
6.00H	
6.50H	
7.00H	3.90

Circuit	Dimensions(mm)			
	A	B	C	D
2*4	5.10	3.60	2.40	4.20
2*5	5.90	4.40	3.20	5.00
2*6	6.70	5.20	4.00	5.80
2*7	7.50	6.00	4.80	6.60
2*8	8.30	6.80	5.60	7.40
2*9	9.10	7.60	6.40	8.20
2*10	9.90	8.40	7.20	9.00
2*15	13.90	12.40	11.20	13.00
2*20	17.90	16.40	15.20	17.00
2*25	21.90	20.40	19.20	21.00



B0802XXM0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board



Specifications

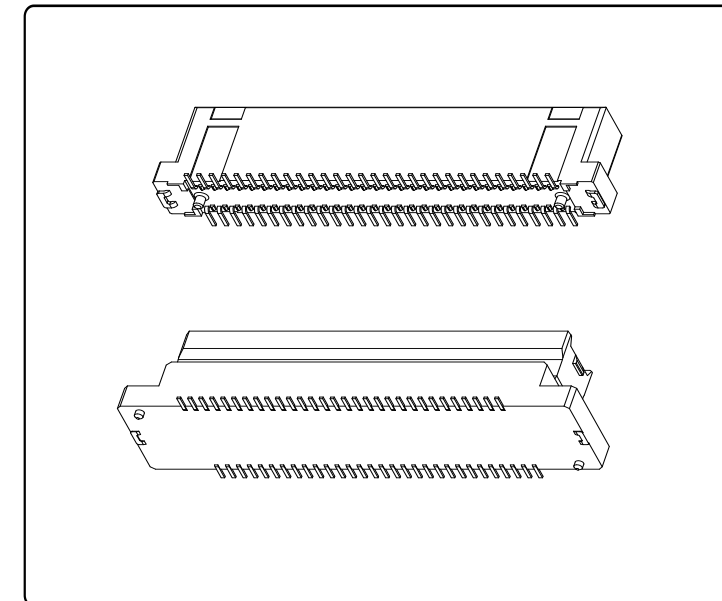
MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0802 XX M 0-2 XX 2 X X 01
HEIGHT: 28-2.8H, 43-4.3H, 33-3.3H, 48-4.8H, 38-3.8H, 53-5.3H
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
COLOR: S-NATURE, A-BLACK, K-WHITE
PLATING: A-ALL AU G/F, 1-G/F, C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 08~50

MATING HEIGHT	H	H1
4.00H	2.80	1.80
4.50H	3.30	1.80
5.00H	3.80	1.80
5.50H	4.30	2.30
6.00H	4.80	2.30
6.50H	5.30	2.30
7.00H		

Circuit	Dimensions(mm)			
	A	B	C	D
2*4	5.10	3.60	2.40	4.20
2*5	5.90	4.40	3.20	5.00
2*6	6.70	5.20	4.00	5.80
2*7	7.50	6.00	4.80	6.60
2*8	8.30	6.80	5.60	7.40
2*9	9.10	7.60	6.40	8.20
2*10	9.90	8.40	7.20	9.00
2*15	13.90	12.40	11.20	13.00
2*20	17.90	16.40	15.20	17.00
2*25	21.90	20.40	19.20	21.00

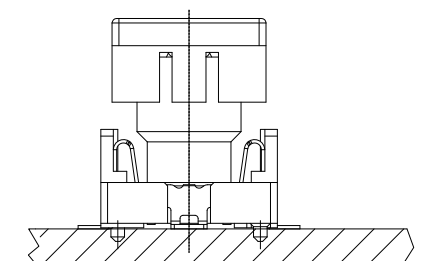
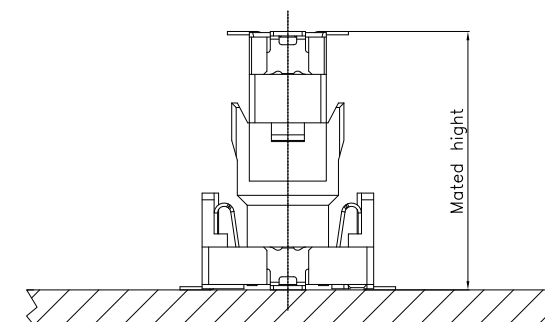


Specifications

Temperature range: -40°C~100°C
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: 100 mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 250V AC/minute

Assembly layout

board to board



B0802FV-2XXA-0CRB1

Pitch 0.80mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Cap: LCP UL94V-0
Contacts: Brass
Clip: Brass

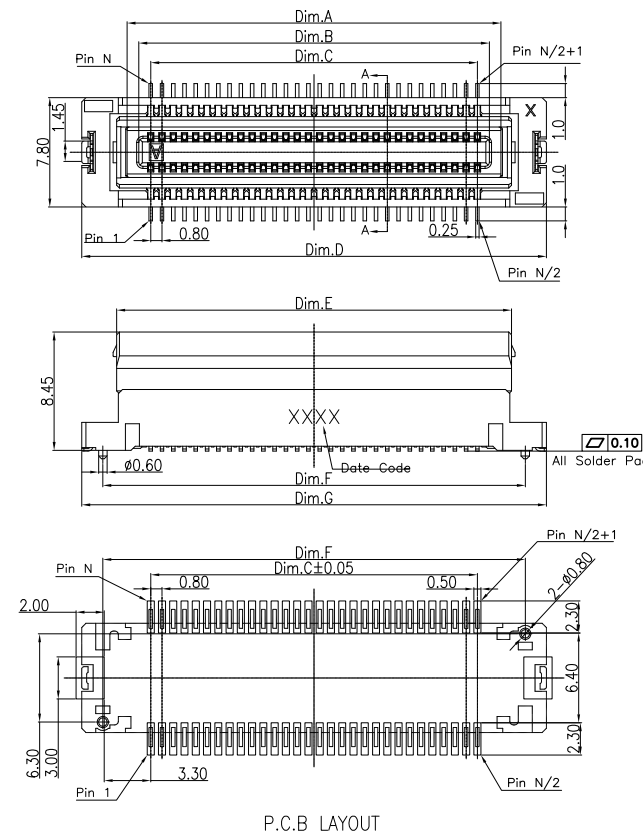
PLATING SPECIFICATION:
Contacts: Plated contact area Au 3u",
soldering area Sn 120u"
Clip: Plated tin over

Series Code
F: Floating REC.
B: Floating Plug
Soldering Type
V: SMT 180°
Array
2: Double Row
Pin No.
20: 40Pin
40: 80Pin
60: 120Pin
80: 160Pin

A-0CRB1
1. Serial NO.
Height
B: H=6.8mm
Packing:
R: HF.Tape&Reel
Plating
OC: 3u"
Housing Color
A: Black

Circuit	A	B	C	D	E	F	G
30	14.55	12.90	11.20	21.00	16.05	18.00	21.00
40	18.55	16.90	15.20	25.00	20.05	22.00	25.00
60	26.55	24.90	23.20	33.00	28.05	30.00	33.00
80	34.55	32.90	31.20	41.00	36.05	38.00	41.00
100	42.55	40.90	39.20	49.00	44.05	46.00	49.00
120	50.55	48.90	47.20	57.00	52.05	54.00	57.00

Mating Height H	PlugH1	RecH2
11.75	6.80	8.45
12.75	7.80	8.45
19.50	14.55	8.45



B0802AV-2XXA-0CRB1

Pitch 0.80mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T UL94V-0
Cap: LCP UL94V-0
Contacts: Brass
Clip: Brass

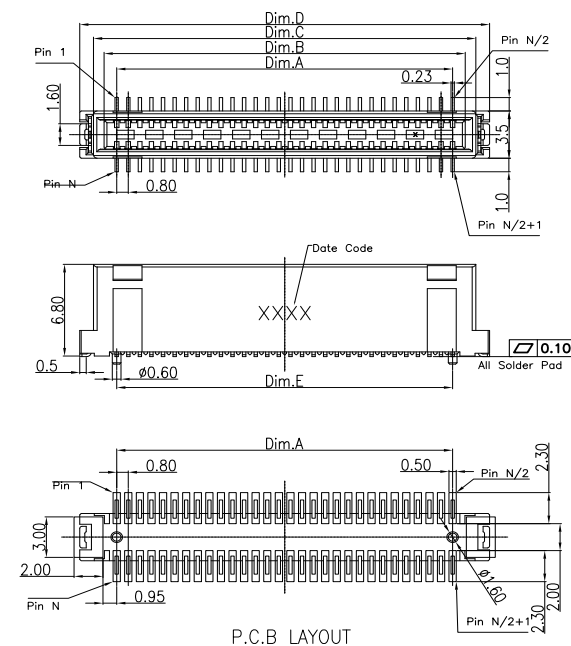
PLATING SPECIFICATION:
Contacts: Plated contact area Au 3u",
soldering area Sn 120u"
Clip: Plated tin over

Series Code
F: Floating REC.
B: Floating Plug
W: REC.
A: Plug
Soldering Type
V: SMT 180°
Array
2: Double Row
Pin No.
20: 40Pin
40: 80Pin
60: 120Pin
80: 160Pin

A-0CRB1
1. Serial NO.
Height
B: H=6.8mm
Packing:
R: HF.Tape&Reel
Plating
OC: 3u"
Housing Color
A: Black

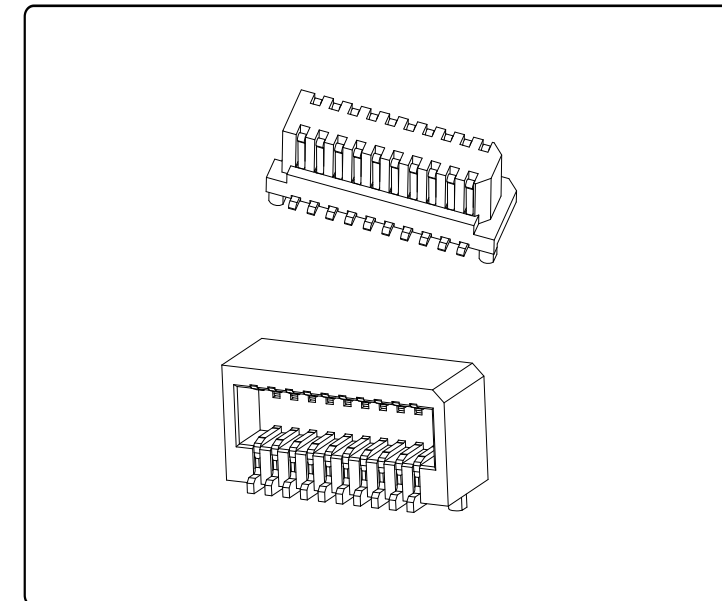
Circuit	A	B	C	D	E
40	15.20	16.95	18.40	20.30	15.20
60	23.20	24.95	26.40	28.30	23.20
80	31.20	32.95	34.40	36.30	31.20
100	39.20	40.95	42.40	44.30	39.20
120	47.20	48.95	50.40	52.30	47.20

Mating Height H	PlugH1	RecH2
11.75	6.80	8.45
20.00	15.00	8.45



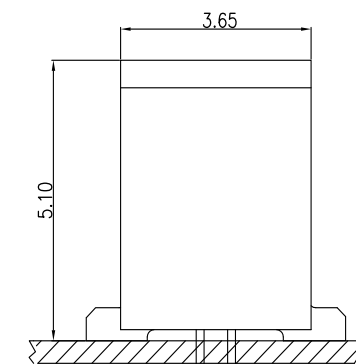
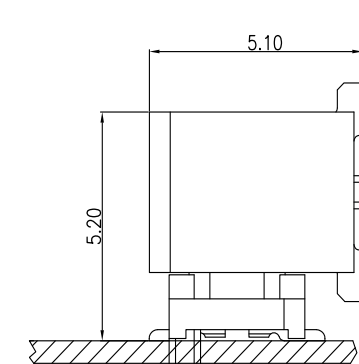
Specifications

Temperature range: -25°C~85°C
Voltage rating: 60V
Current rating: 0.5A
Contact resistance: 60 mΩ Max
Insulation resistance: 800MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board



B080435M0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

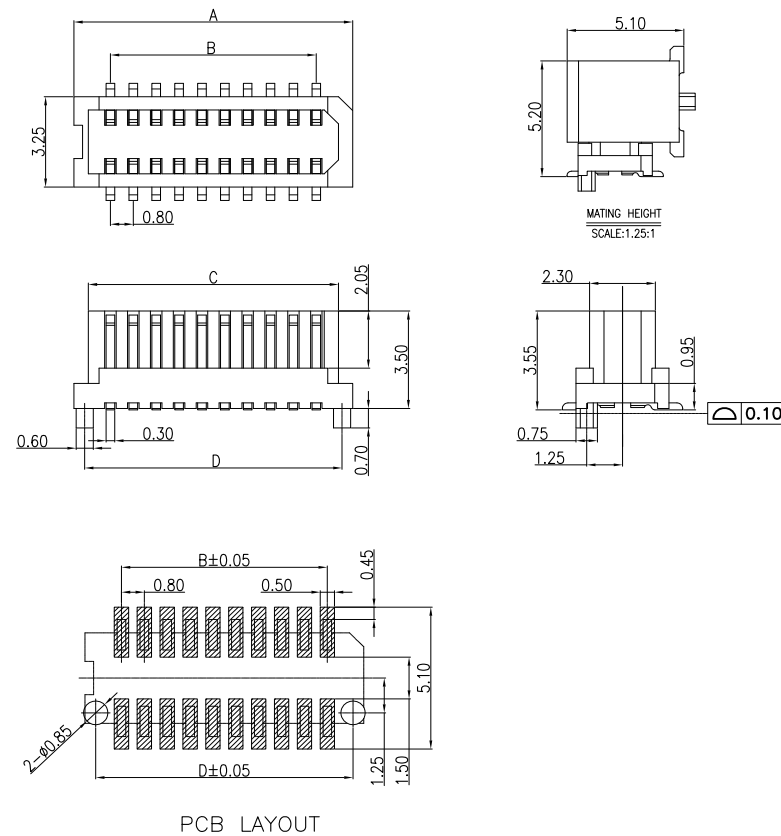
Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

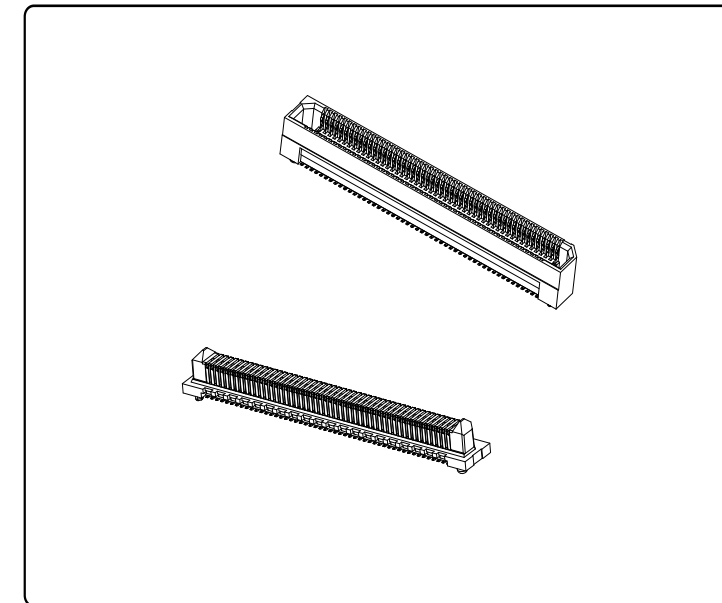
SERIES NO: B0804 35 M 0-2 XX 2 X X 01
HEIGHT: 35: 3.5mm
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
COLOR: M-BEIGE
K-WHITE
S-NATURE
PLATING: A-ALL AU G/F
1-G/F
C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~52

Circuit	Dimensions			
	A	B	C	D
4	3.35	0.80	2.35	2.60
6	4.15	1.60	3.15	3.40
8	4.95	2.40	3.95	4.20
10	5.75	3.20	4.75	5.00
12	6.55	4.00	5.55	5.80
14	7.35	4.80	6.35	6.60
16	8.15	5.60	7.15	7.40
18	8.95	6.40	7.95	8.20
20	9.75	7.20	8.75	9.00
22	10.55	8.00	9.55	9.80
24	11.35	8.80	10.35	10.60
26	12.15	9.60	11.15	11.40
28	12.95	10.40	11.95	12.20
30	13.75	11.20	12.75	13.00
32	14.55	12.00	13.55	13.80
34	15.35	12.80	14.35	14.60
36	16.15	13.60	15.15	15.40
38	16.95	14.40	15.95	16.20
40	17.75	15.20	16.75	17.00
42	18.55	16.00	17.55	17.80
44	19.35	16.80	18.35	18.60
46	20.15	17.60	19.15	19.40
48	20.95	18.40	19.95	20.20
50	21.75	19.20	20.75	21.00
52	22.55	20.00	21.55	21.80



Specifications

Temperature range: -55°C~125°C
Voltage rating: 300V
Current rating: 1.0A
Contact resistance: 50 mΩ Max
Insulation resistance: 100 MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board

B080451F9-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

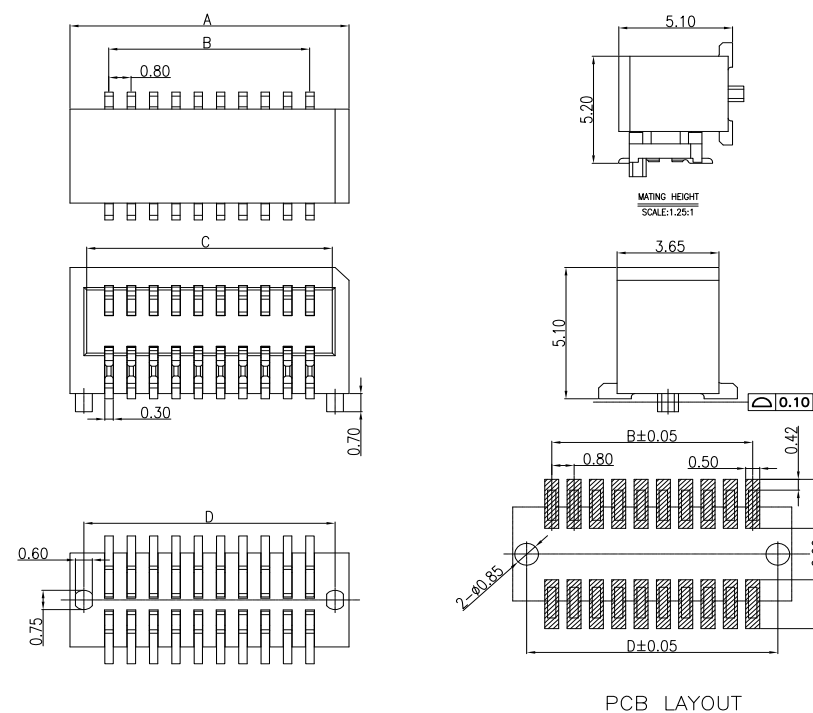
Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

SERIES NO: B0804 51 F 9-2 XX 2 X X 01
HEIGHT: 51: 5.1mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
COLOR: M-BEIGE
K-WHITE
S-NATURE
PLATING: A-ALL AU G/F
1-G/F
C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~52

Circuit	Dimensions			
	A	B	C	D
4	3.60	0.80	2.40	2.60
6	4.40	1.60	3.20	3.40
8	5.20	2.40	4.00	4.20
10	6.00	3.20	4.80	5.00
12	6.80	4.00	5.60	5.80
14	7.60	4.80	6.40	6.60
16	8.40	5.60	7.20	7.40
18	9.20	6.40	8.00	8.20
20	10.00	7.20	8.80	9.00
22	10.80	8.00	9.60	9.80
24	11.60	8.80	10.40	10.60
26	12.40	9.60	11.20	11.40
28	13.20	10.40	12.00	12.20
30	14.00	11.20	12.80	13.00
32	14.80	12.00	13.60	13.80
34	15.60	12.80	14.40	14.60
36	16.40	13.60	15.20	15.40
38	17.20	14.40	16.00	16.20
40	18.00	15.20	16.80	17.00
42	18.80	16.00	17.60	17.80
44	19.60	16.80	18.40	18.60
46	20.40	17.60	19.20	19.40
48	21.20	18.40	20.00	20.20
50	22.00	19.20	20.80	21.00
52	22.80	20.00	21.60	21.80



B0805XXF0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Half plated gold fog tin

SERIES NO.: B0805 XX F 0-2 XX 2 X X 01

HEIGHT:
70-7.0H
50-5.0H 90-9.0H

MALE FEMALE:
F-FEMALE

ANGLE:
0-180°

ROW NO.:
2-DOUBLE ROW

PLATING:
A-ALL AU G/F
1-G/F
4-AU 10U"

COLOR:
A-BLACK
S-NATURE

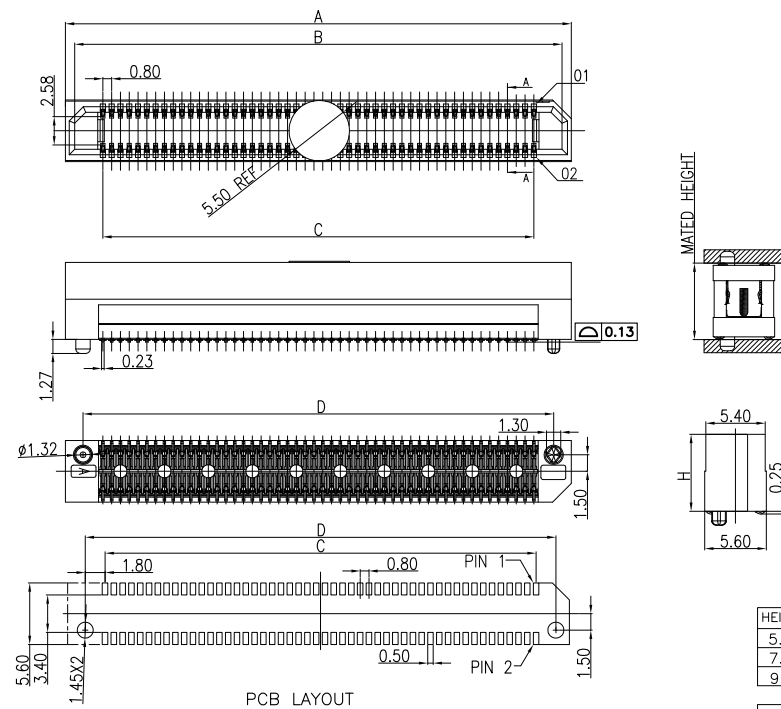
TERMINPOINT:
2-SMT

PIN Q'PY:
10~200

Circuit	Dimensions(mm)			
	A	B	C	D
10	10.00	8.32	3.20	6.80
20	14.00	12.32	7.20	10.80
22	14.80	13.12	8.00	11.60
24	15.60	13.92	8.80	12.40
26	16.40	14.72	9.60	13.20
30	18.00	16.32	11.20	14.80
40	22.00	20.32	15.20	18.80
50	26.00	24.32	19.20	22.80
60	30.00	28.32	23.20	26.80
80	38.00	36.32	31.20	34.80
100	46.00	44.32	39.20	42.80
120	54.00	52.32	47.20	50.80
140	62.00	60.32	55.20	58.80
150	66.00	64.32	59.20	62.80
200	86.00	84.32	79.20	82.00

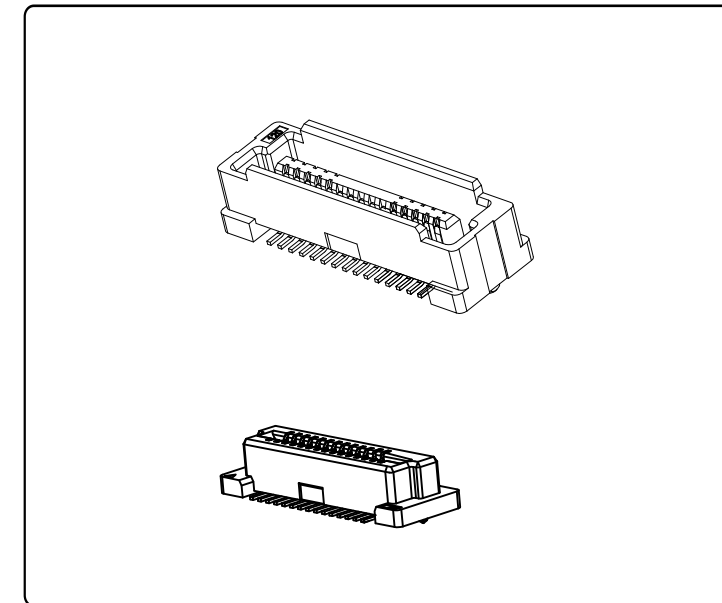
HEIGHT	H
5.00	5.10
7.00	7.00
9.00	9.00

ERF8 LEAD STYLE	MATED HEIGHT			
	ERM8 LEAD STYLE	ERM8 LEAD STYLE	ERM8 LEAD STYLE	ERM8 LEAD STYLE
2.00	5.00	8.00	9.00	
5.00	7.00	10.00	13.00	14.00
7.00	9.00	12.00	15.00	16.00
9.00	11.00	14.00	17.00	18.00



Specifications

Temperature range: -25°C~85°C
Voltage rating: 100V
Current rating: 0.5A
Contact resistance: 60 mΩ Max
Insulation resistance: 500 MΩ Min
Withstand voltage: 500V AC/minute



Assembly layout

board to board

B0805XXM0-2XX2XX01

Pitch 0.80mm 180° Double row SMT board to board

Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Half plated gold fog tin

SERIES NO.: B0805 XX M 0-2 XX 2 X X 01

HEIGHT:
20-2.0H
50-5.0H 80-8.0H 90-9.0H

MALE FEMALE:
M-MALE

ANGLE:
0-180°

ROW NO.:
2-DOUBLE ROW

PLATING:
A-ALL AU G/F
1-G/F
4-AU 10U"

COLOR:
A-BLACK
S-NATURE

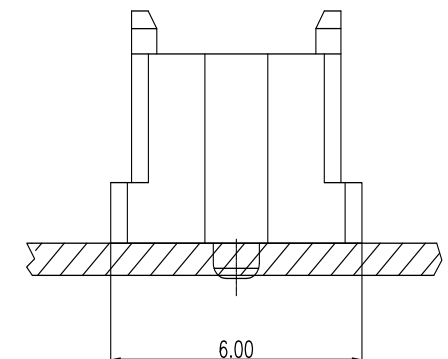
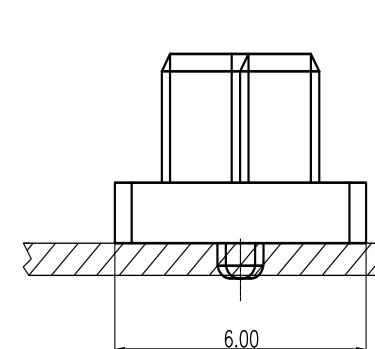
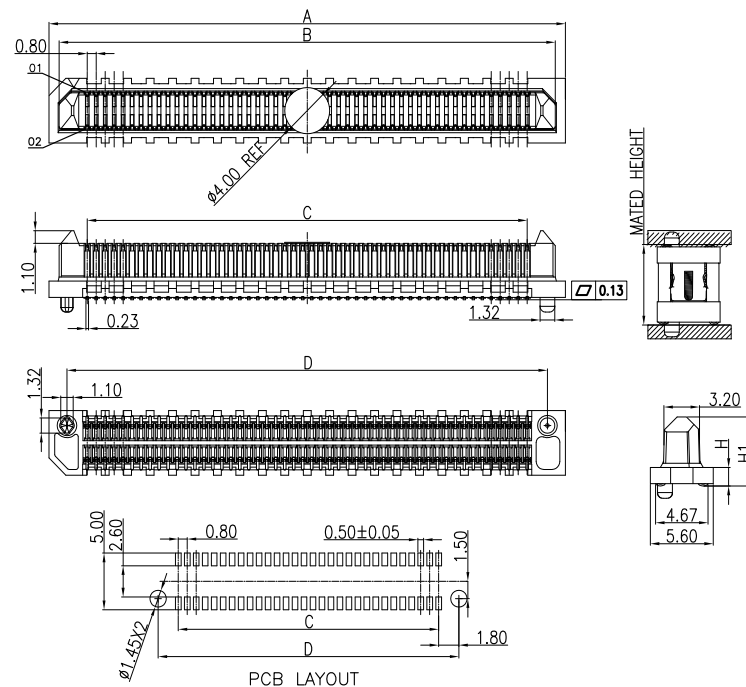
TERMINPOINT:
2-SMT

PIN Q'PY:
10~200

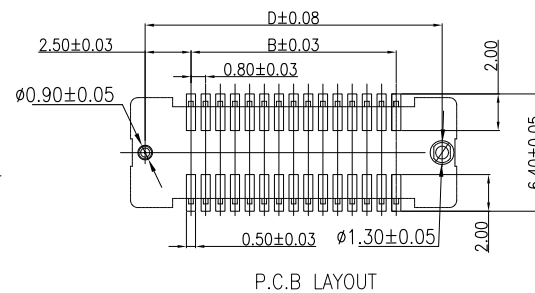
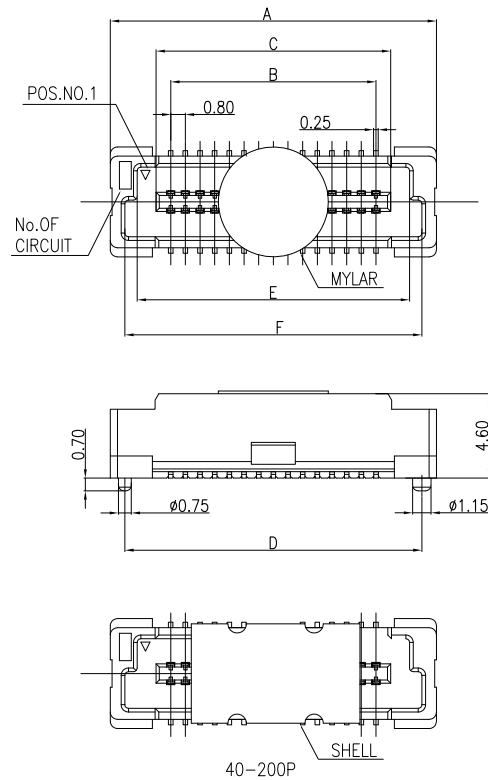
Circuit	Dimensions(mm)			
	A	B	C	D
10	10.00	8.32	3.20	6.80
20	14.00	12.32	7.20	10.80
22	14.80	13.12	8.00	11.60
24	15.60	13.92	8.80	12.40
26	16.40	14.72	9.60	13.20
30	18.00	16.32	11.20	14.80
40	22.00	20.32	15.20	18.80
50	26.00	24.32	19.20	22.80
60	30.00	28.32	23.20	26.80
80	38.00	36.32	31.20	34.80
100	46.00	44.32	39.20	42.80
120	54.00	52.32	47.20	50.80
140	62.00	60.32	55.20	58.80
150	66.00	64.32	59.20	62.80
200	86.00	84.32	79.20	82.00

HEIGHT	H	H1
2.00	1.61	5.97
5.00	4.61	8.91
8.00	7.61	11.91
9.00	8.61	12.91

ERM8 LEAD STYLE	MATED HEIGHT			
	ERM8 LEAD STYLE	ERM8 LEAD STYLE	ERM8 LEAD STYLE	ERM8 LEAD STYLE
2.0	7.00	9.00	11.00	
5.0	10.00	12.00	14.00	
8.0	13.00	15.00	17.00	
9.0	14.00	16.00	18.00	



B080646M0-2XX2XXX01 Pitch 0.80mm 180° Double row SMT board to board



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

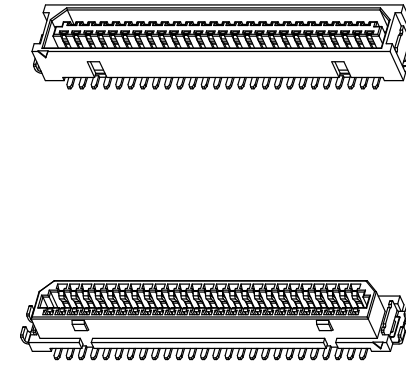
SERIES NO: B0806 46 M 0-2 XX 2 X X X 01
HEIGHT: 46: 4.6mm
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 20~200

TYPE: 1-SHELL 2-MYLAR
COLOR: M-BEIGE K-WHITE S-NATURE
PLATING: A-ALL AU G/F 1-G/F C-BRIGHE TIN
TERMIPOINT: 2-SMT

Circuits	Dimensions					
	A	B	C	D	E	F
20	13.80	7.20	8.80	12.20	10.86	12.21
30	17.80	11.20	12.80	16.20	14.86	16.21
40	21.80	15.20	16.80	20.20	18.86	20.21
50	25.80	19.20	20.80	24.20	22.86	24.21
60	29.80	23.20	24.80	28.20	26.86	28.21
80	37.80	31.20	32.80	36.20	34.86	36.21
100	45.80	39.20	40.80	44.20	42.86	44.21
120	53.80	47.20	48.80	52.20	50.86	52.21
140	61.80	55.20	46.80	60.20	58.86	60.21
160	69.80	63.20	64.80	68.20	66.86	68.21
180	77.80	71.20	72.80	76.20	74.86	76.21
200	85.80	79.20	80.80	84.20	82.86	84.21

Specifications

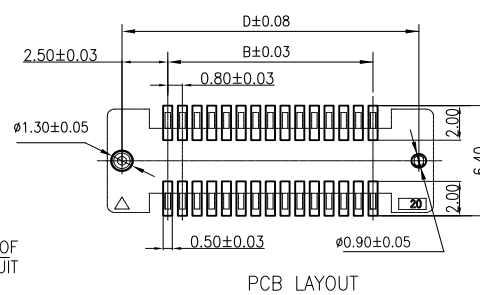
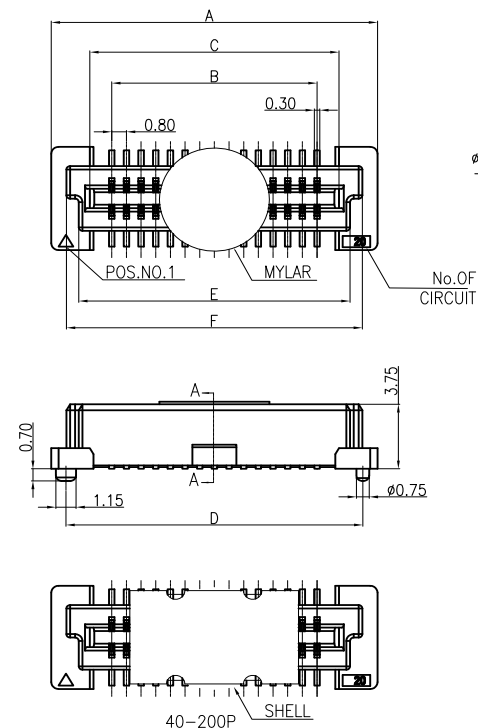
Temperature range: -25°C~85°C
Voltage rating: 150V
Current rating: 0.5A
Contact resistance: 50 mΩ Max
Insulation resistance: 500 MΩ Min
Withstand voltage: 250V AC/minute



Assembly layout

board to board

B080637F0-2XX2XXX01 Pitch 0.80mm 180° Double row SMT board to board



Specifications

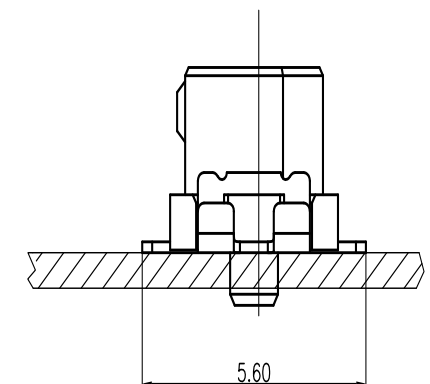
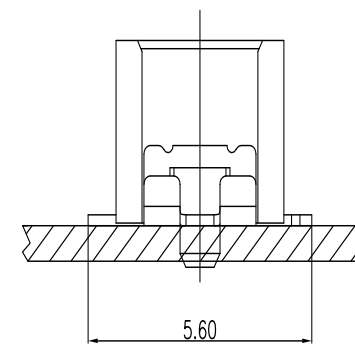
MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Gold flash

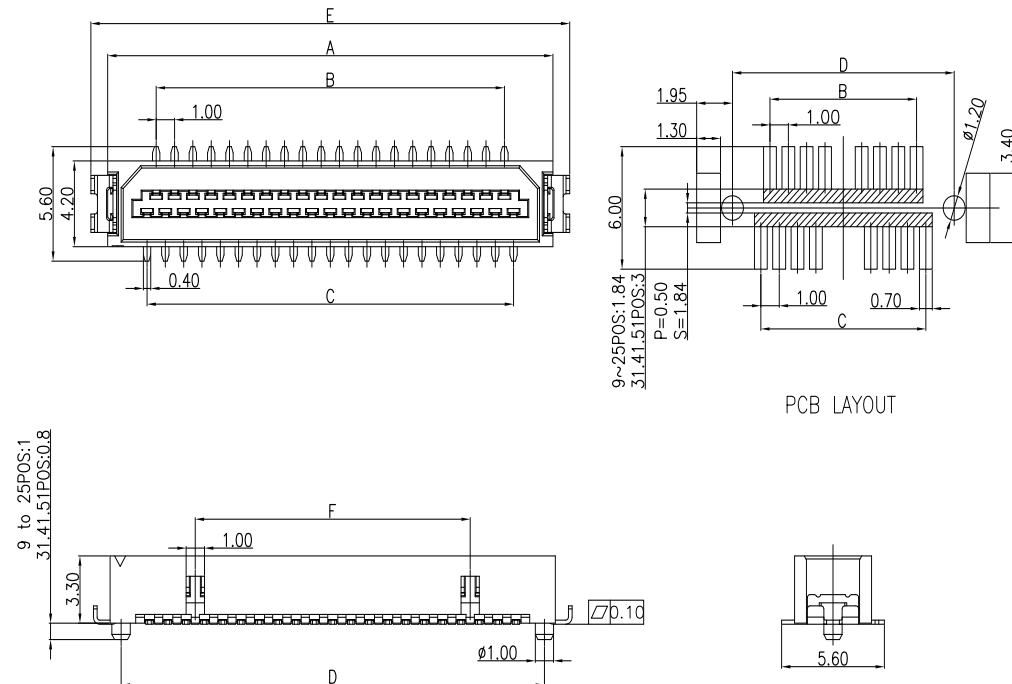
SERIES NO: B0806 37 F 0-2 XX 2 X X X 01
HEIGHT: 37: 3.7mm
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 20~200

TYPE: 1-SHELL 2-MYLAR
COLOR: M-BEIGE K-WHITE S-NATURE
PLATING: A-ALL AU G/F 1-G/F C-BRIGHE TIN
TERMIPOINT: 2-SMT

Circuits	Dimensions					
	A	B	C	D	E	F
20	13.80	7.20	9.60	12.20	10.80	12.15
30	17.80	11.20	13.60	16.20	14.80	16.15
40	21.80	15.20	17.60	20.20	18.80	20.15
50	25.80	19.20	21.60	24.20	22.80	24.15
60	29.80	23.20	25.60	28.20	26.80	28.15
80	37.80	31.20	33.60	36.20	34.80	36.15
100	45.80	39.20	41.60	44.20	42.80	44.15
120	53.80	47.20	49.60	52.20	50.80	52.15
140	61.80	55.20	57.60	60.20	58.80	60.15
160	69.80	63.20	65.60	68.20	66.80	68.15
180	77.80	71.20	73.60	76.20	74.80	76.15
200	85.80	79.20	81.60	84.20	82.80	84.15



B100133M0-2XX2XX101 Pitch 1.00mm 180° Double row SMT board to board



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor
Shell: Barss

PLATING SPECIFICATION:
Contacts: Sn plated or
Au plated on contact area.
Shell: Sn Plated

B1001 33 M 0-2 XX 2 X X 101

SERIES NO: 33
HEIGHT: 33: 3.3mm
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW

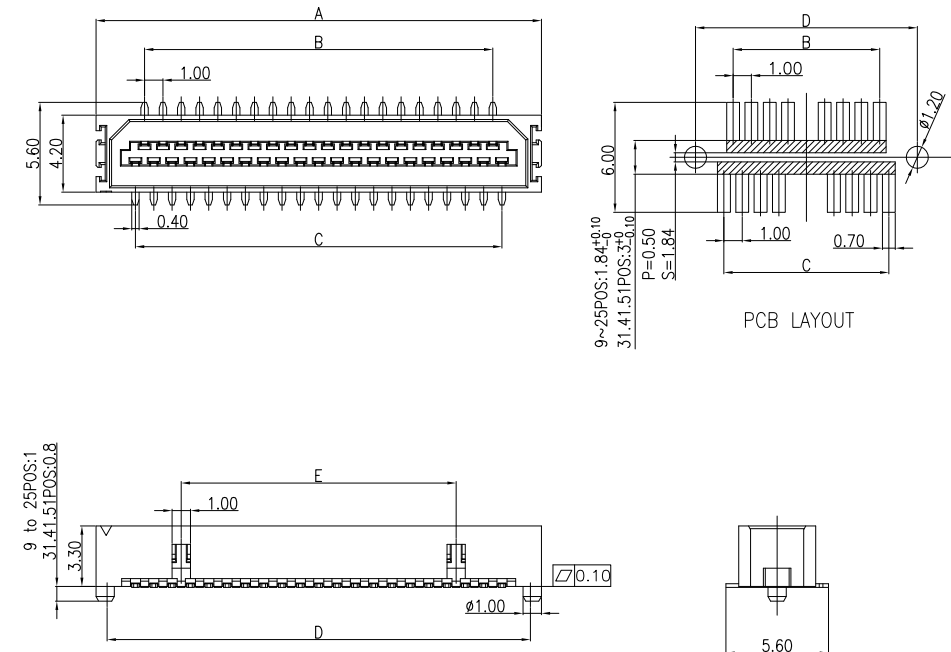
COLOR:
A-BLACK
K-WHITE
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
1-G/F

TERMIPOINT: 2-SMT
PIN Q'PY: 09~51

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
09	8.3	3	4	7.1	10.1	0
11	9.3	4	5	8.1	11.1	0
13	10.3	5	6	9.1	12.1	0
15	11.3	6	7	10.1	13.1	0
17	12.3	7	8	11.1	14.1	0
19	13.3	8	9	12.1	15.1	0
21	14.3	9	10	13.1	16.1	5
23	15.3	10	11	14.1	17.1	6
25	16.3	11	12	15.1	18.1	7
31	19.3	14	15	18.1	21.1	10
41	24.3	19	20	23.1	26.1	15
51	29.3	24	25	28.1	31.1	20

B100133M0-2XX2XX201 Pitch 1.00mm 180° Double row SMT board to board



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Sn plated or
Au plated on contact area.

B1001 33 M 0-2 XX 2 X X 201

SERIES NO: 33
HEIGHT: 33: 3.3mm
MALE FEMALE: M-MALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW

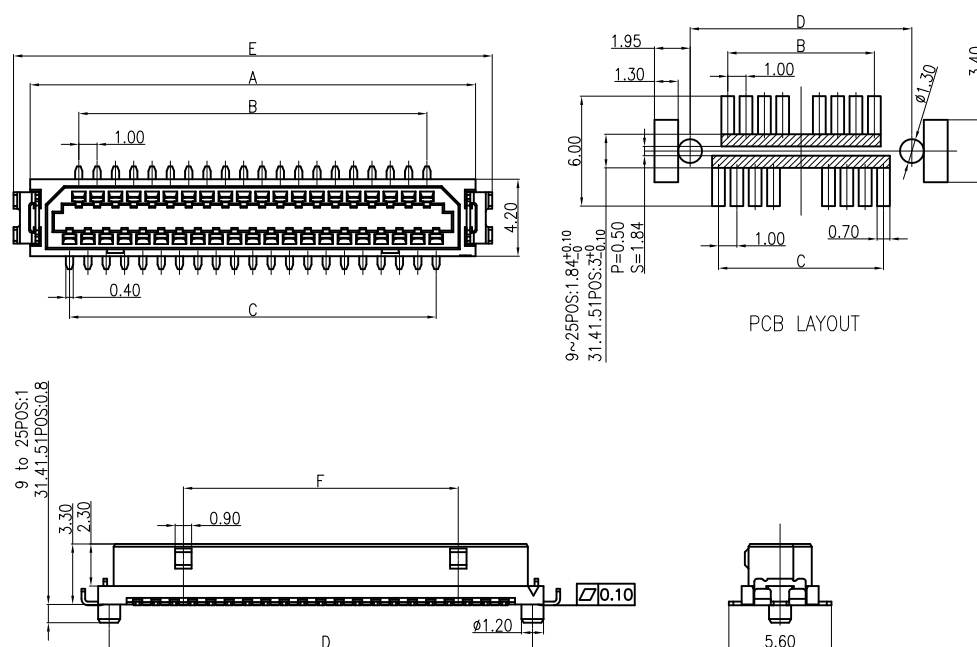
COLOR:
A-BLACK
K-WHITE
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
1-G/F

TERMIPOINT: 2-SMT
PIN Q'PY: 09~51

Circuit	Dimensions(mm)				
	A	B	C	D	E
9 PIN	8.3	3	4	7.1	0
11 PIN	9.3	4	5	8.1	0
13 PIN	10.3	5	6	9.1	0
15 PIN	11.3	6	7	10.1	0
17 PIN	12.3	7	8	11.1	0
19 PIN	13.3	8	9	12.1	0
21 PIN	14.3	9	10	13.1	5
23 PIN	15.3	10	11	14.1	6
25 PIN	16.3	11	12	15.1	7
31 PIN	19.3	14	15	18.1	10
41 PIN	24.3	19	20	23.1	15
51 PIN	29.3	24	25	28.1	20

B100133F0-2XX2XX101 Pitch 1.00mm 180° Double row SMT board to board



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor
Shell: Barss

PLATING SPECIFICATION:
Contacts: Sn plated or
Au plated on contact are
Shell: Sn Plated

B1001 33 F 0-2 XX 2 X X 101

SERIES NO: 33
HEIGHT: 33: 3.3mm
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW

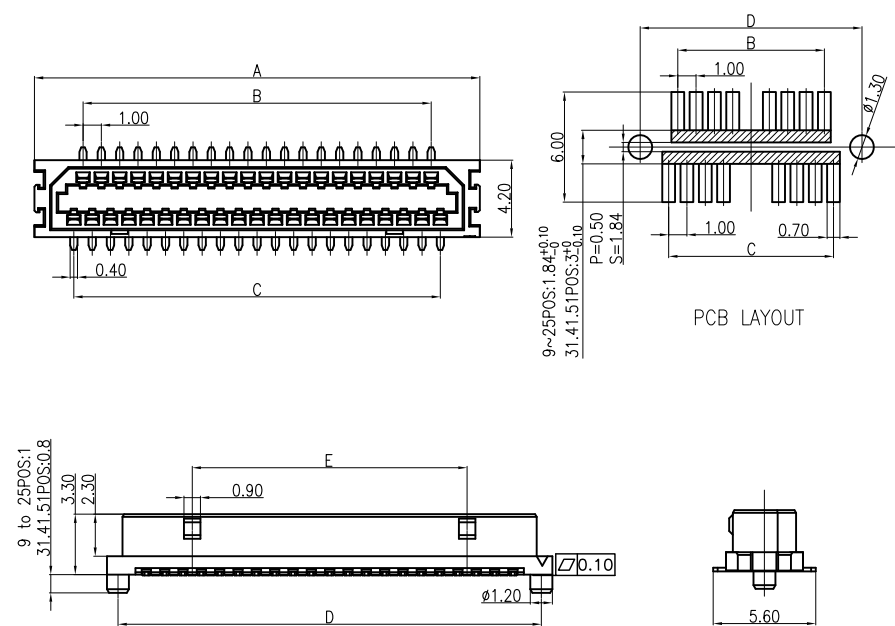
COLOR:
A-BLACK
K-WHITE
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
1-G/F

TERMIPOINT: 2-SMT
PIN Q'PY: 09~51

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
09	8.3	3	4	7.1	10.1	0
11	9.3	4	5	8.1	11.1	0
13	10.3	5	6	9.1	12.1	0
15	11.3	6	7	10.1	13.1	0
17	12.3	7	8	11.1	14.1	0
19	13.3	8	9	12.1	15.1	0
21	14.3	9	10	13.1	16.1	5
23	15.3	10	11	14.1	17.1	6
25	16.3	11	12	15.1	18.1	7
31	19.3	14	15	18.1	21.1	10
41	24.3	19	20	23.1	26.1	15
51	29.3	24	25	28.1	31.1	20

B100133F0-2XX2XX201 Pitch 1.00mm 180° Double row SMT board to board



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Phosphor

PLATING SPECIFICATION:
Contacts: Sn plated or
Au plated on contact area.

B1001 33 F 0-2 XX 2 X X 201

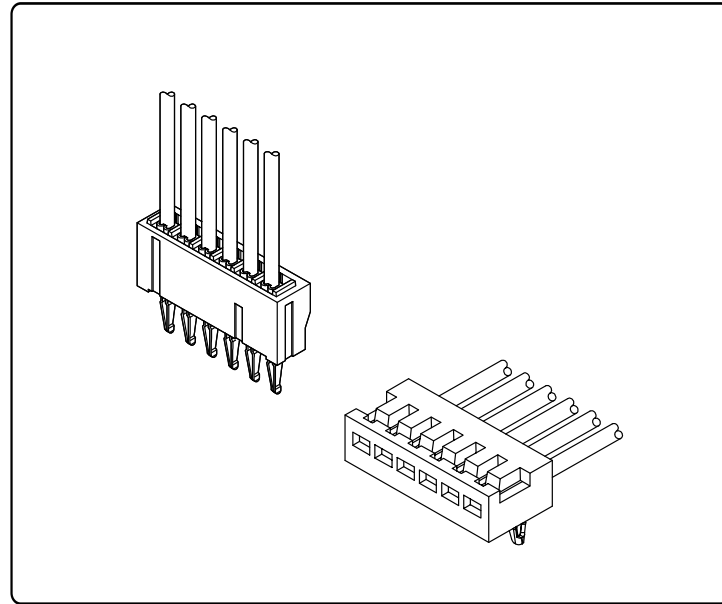
SERIES NO: 33
HEIGHT: 33: 3.3mm
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW

COLOR:
A-BLACK
K-WHITE
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
1-G/F

TERMIPOINT: 2-SMT
PIN Q'PY: 09~51

Circuit	Dimensions(mm)				
	A	B	C	D	F
09	8.3	3	4	7.1	10.1
11	9.3	4	5	8.1	11.1
13	10.3	5	6	9.1	12.1
15	11.3	6	7	10.1	13.1
17	12.3	7	8	11.1	14.1
19	13.3	8	9	12.1	15.1
21	14.3	9	10	13.1	16.1
23	15.3	10	11	14.1	17.1
25	16.3	11	12	15.1	18.1
31	19.3	14	15	18.1	21.1
41	24.3	19	20	23.1	26.1
51	29.3	24	25	28.1	31.1

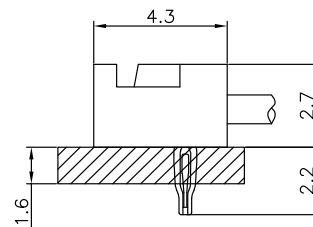
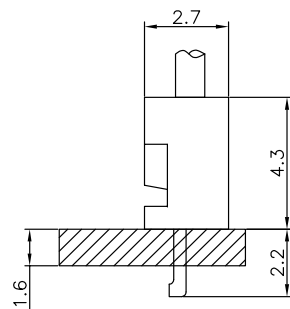


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 0.7A
Contact resistance: 20mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 500V AC

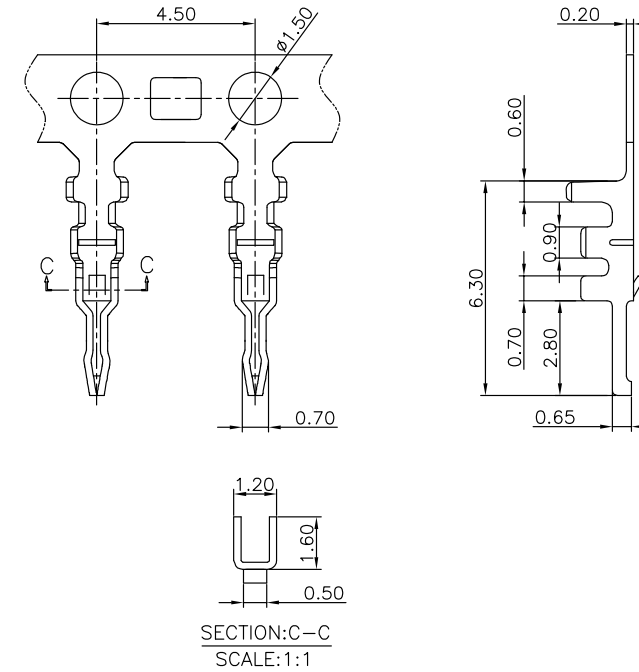
Assembly layout

board to board



B1501TF0X-X

Pitch 1.50mm Terminal



Specifications

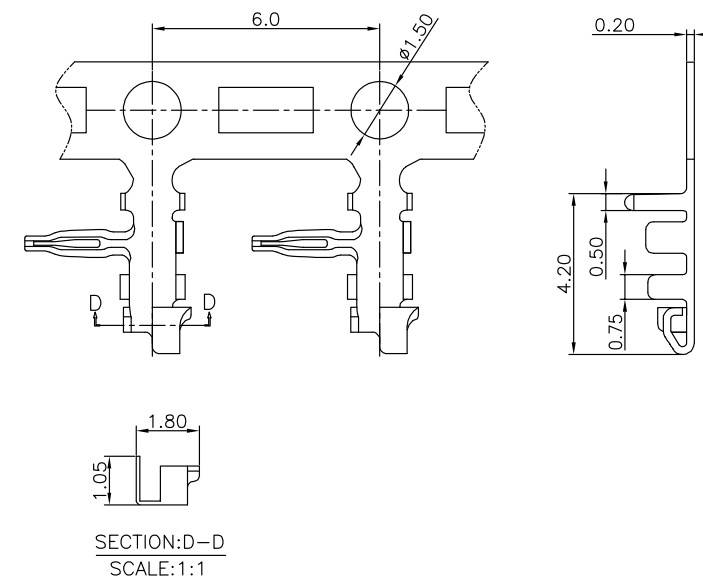
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #24-#28
SUITABLE B1501 series housing

SERIES NO: B1501 T F 0 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
ANGLE: 0-180°

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

B1501TF9X-X

Pitch 1.50mm Terminal



Specifications

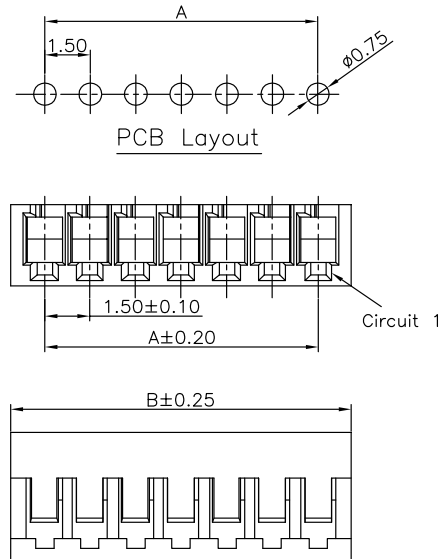
MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #24-#28
SUITABLE B1501 series housing

SERIES NO: B1501 T F 9 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
ANGLE: 9-90°

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

B1501HM-1XXX0

Pitch 1.50mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

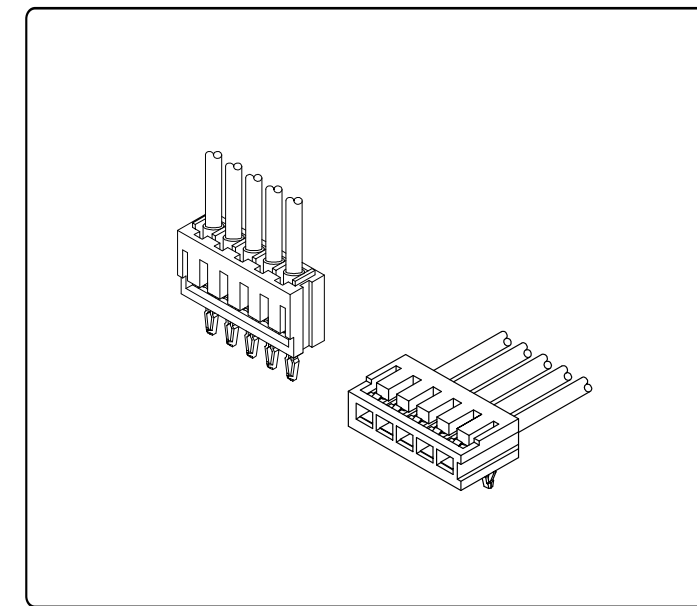
Suitable B1501 series Terminal

SERIES NO: B1501 H M-1 XX X 0
COLOR:
A-BLACK
K-WHITE
CONNECTOR:
H-HOUSING
PIN Q'PY:
02~16
MALE FEMALE:
M-MALE
ROW NO:
1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	3.70	10	13.50	15.70
03	3.00	5.20	11	15.00	17.20
04	4.50	6.70	12	16.50	18.70
05	6.00	8.20	13	18.00	20.20
06	7.50	9.70	14	19.50	21.70
07	9.00	11.20	15	21.00	23.20
08	10.50	12.70	16	22.50	24.70
09	12.00	14.20			

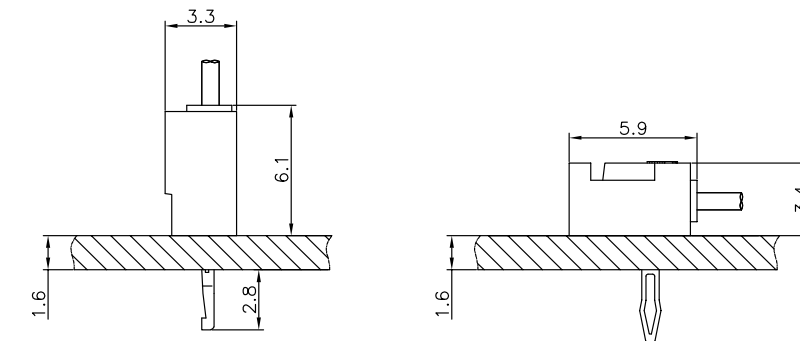
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 2A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 800V AC



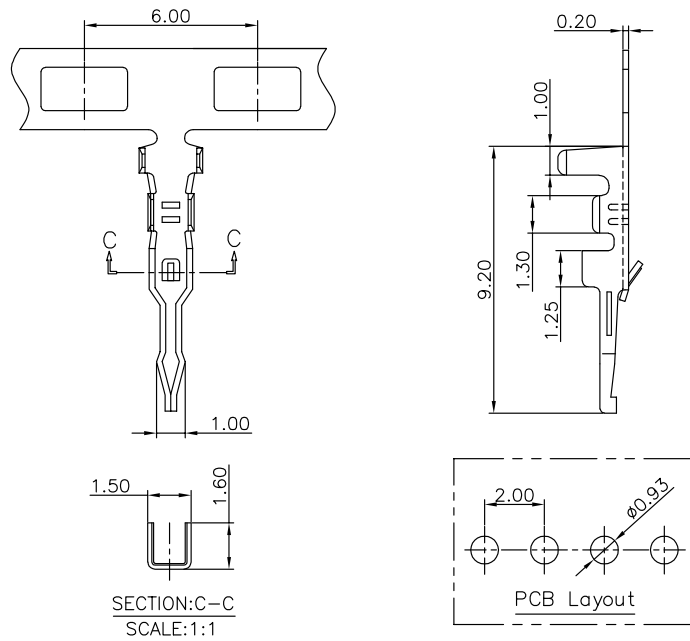
Assembly layout

board to board



B2001TF0X-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

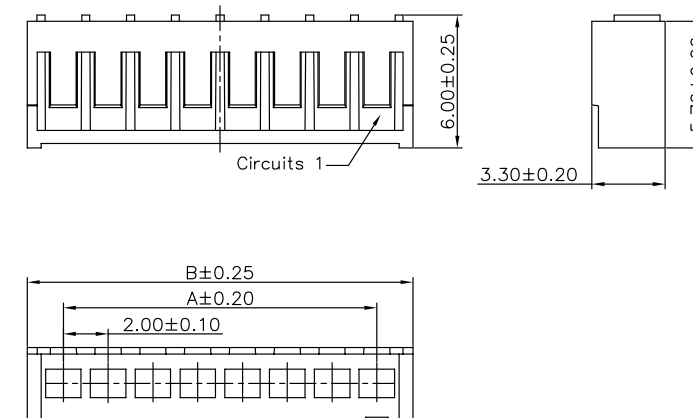
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE B2001 series housing

SERIES NO: B2001 T F 0 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

B2001HM0-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

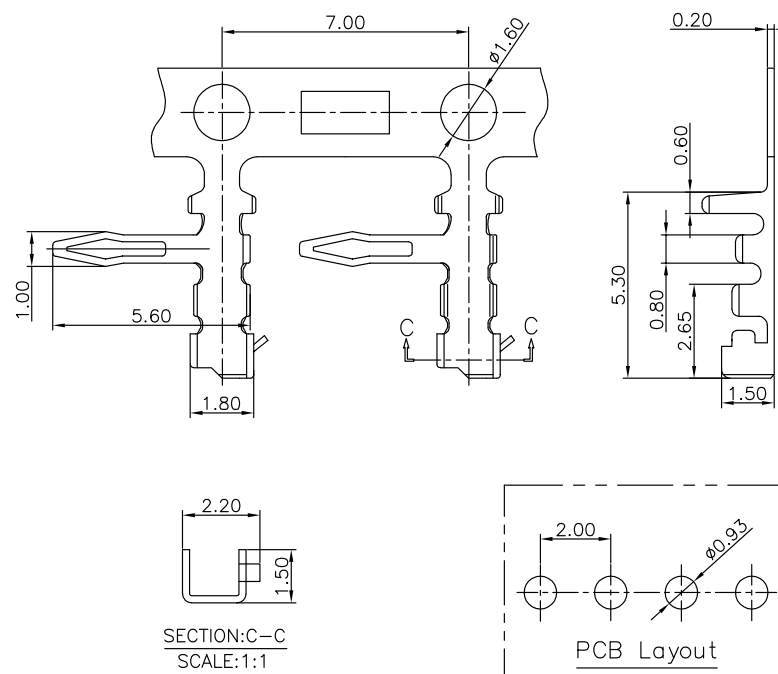
Suitable B2001 series Terminal

SERIES NO: B2001 H M 0-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ANGLE: 0-180°
COLOR: A-BLACK
K-WHITE
PIN Q'PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.30	12	22.00	25.30
03	4.00	7.30	13	24.00	27.30
04	6.00	9.30	14	26.00	29.30
05	8.00	11.30	15	28.00	31.30
06	10.00	13.30	16	30.00	33.30
07	12.00	15.30	17	32.00	35.30
08	14.00	17.30	18	34.00	37.30
09	16.00	19.30	19	36.00	39.30
10	18.00	21.30	20	38.00	41.30
11	20.00	23.30			

B2001TF9X-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

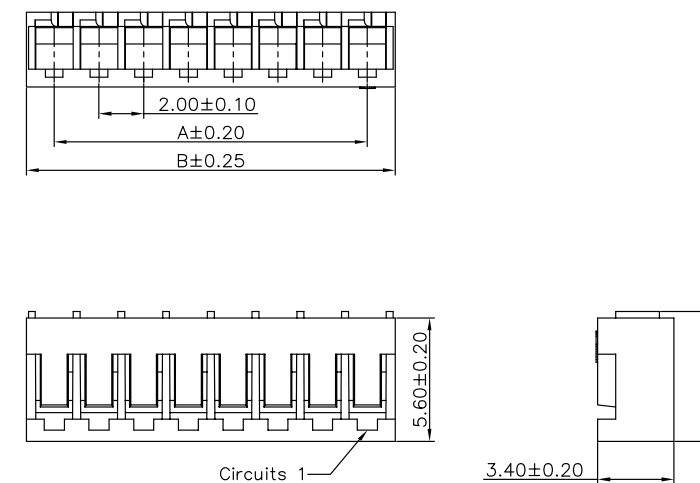
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #24-#28
SUITABLE B2001 series housing

SERIES NO: B2001 T F 9 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

B2001HM9-1XXX0

Pitch 2.00mm Double row Housing



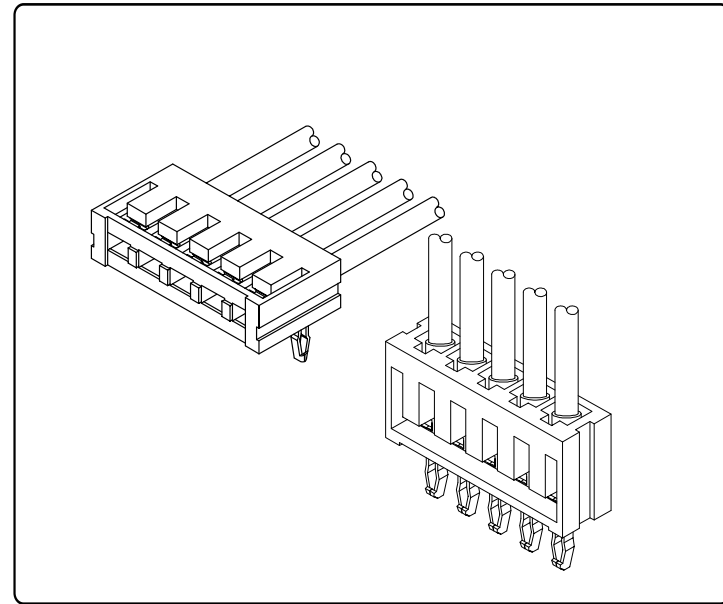
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable B2001 series Terminal

SERIES NO: B2001 H M 9-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ANGLE: 9-90°
COLOR: A-BLACK
K-WHITE
PIN Q'PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	4.50	12	22.00	24.50
03	4.00	6.50	13	24.00	26.50
04	6.00	8.50	14	26.00	28.50
05	8.00	10.50	15	28.00	30.50
06	10.00	12.50	16	30.00	32.50
07	12.00	14.50	17	32.00	34.50
08	14.00	16.50	18	34.00	36.50
09	16.00	18.50	19	36.00	38.50
10	18.00	20.50	20	38.00	40.50
11	20.00	22.50			

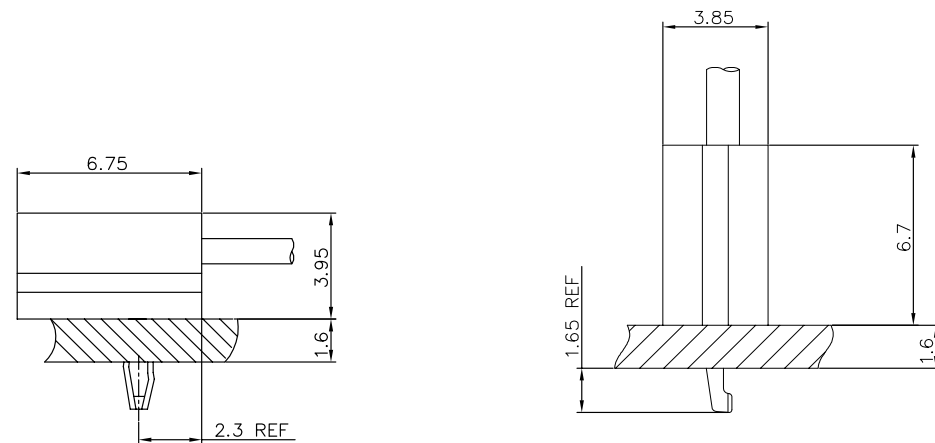


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 125V
Current rating: 3A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

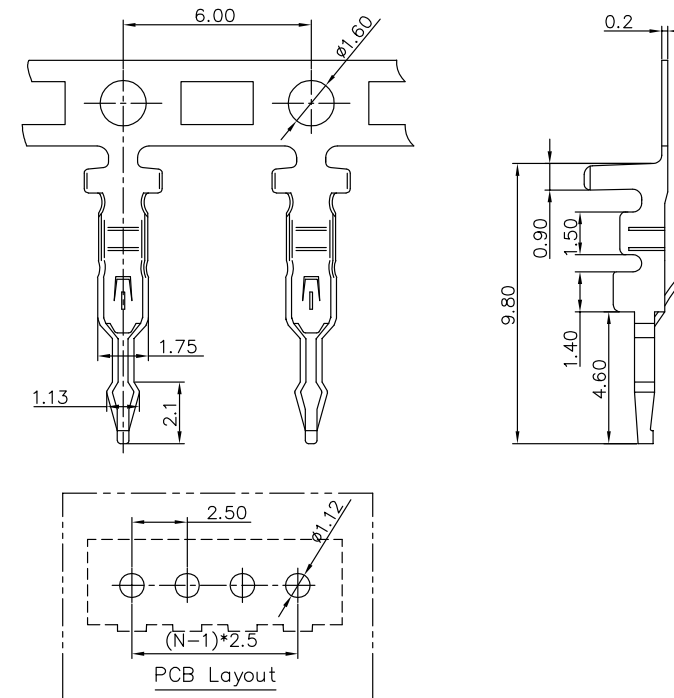
Assembly layout

board to board



B2512TM0X-X

Pitch 2.50mm Terminal



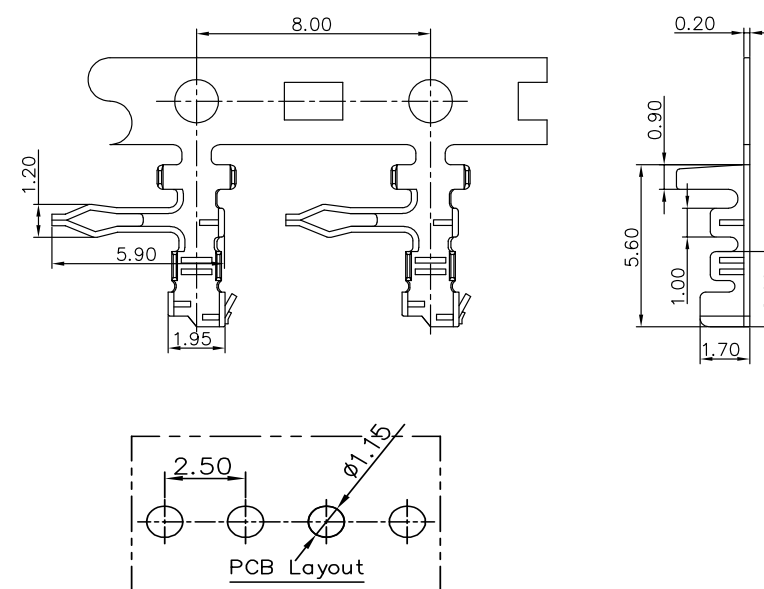
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#8
SUITABLE B2512&B2513 series housing

SERIES NO: B2512 T M 0 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: M-MALE
PLATING: C-BRIGHT TIN
METAL: P-PHOSPHOR BRONZE
ANGLE: 0-180°

B2513TM9X-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#6
SUITABLE B2512&B2513 series housing

SERIES NO: B2513 T M 9 X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: M-MALE
PLATING: C-BRIGHT TIN
METAL: P-PHOSPHOR BRONZE
ANGLE: 9-90°

B25121HF0-1XXXX

Pitch 2.50mm Single row Housing

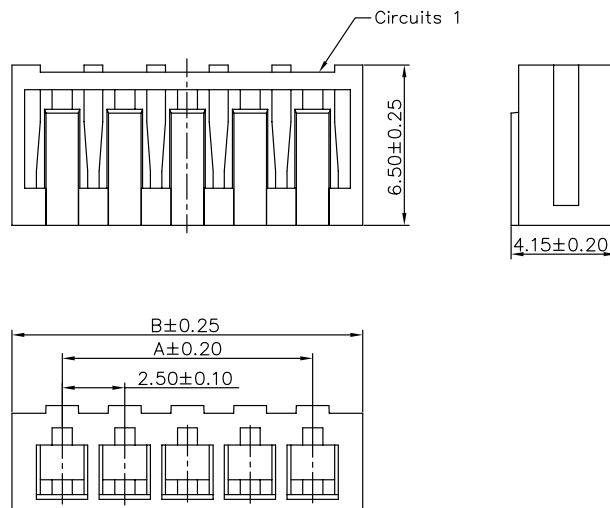
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable B2512&B2513 series Terminal

B25121 H F 0-1 XX X X
SERIES NO: H F 0-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
WATER CODE: 0-N/A
COLOR: M-BEIGE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.50	10	22.50	26.50
03	5.00	9.00	11	25.00	29.00
04	7.50	11.50	12	27.50	31.50
05	10.00	14.00	13	30.00	34.00
06	12.50	16.50	14	32.50	36.50
07	15.00	19.00	15	35.00	39.00
08	17.50	21.50	16	37.50	41.50
09	20.00	24.00			



B25131HF9-1XXXX

Pitch 2.50mm Single row Housing

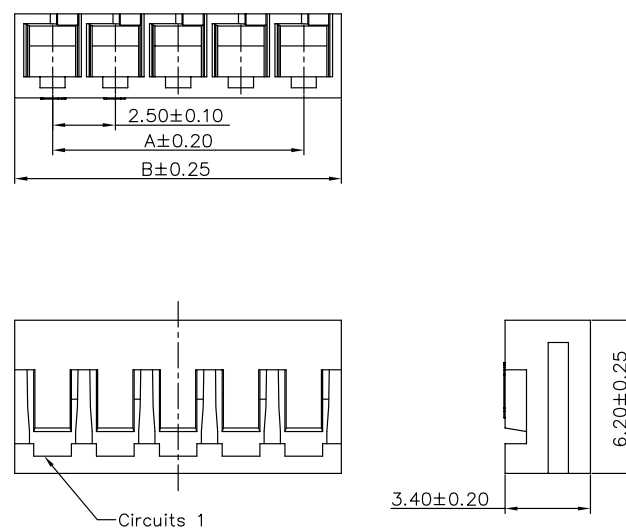
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable B2512&B2513 series Terminal

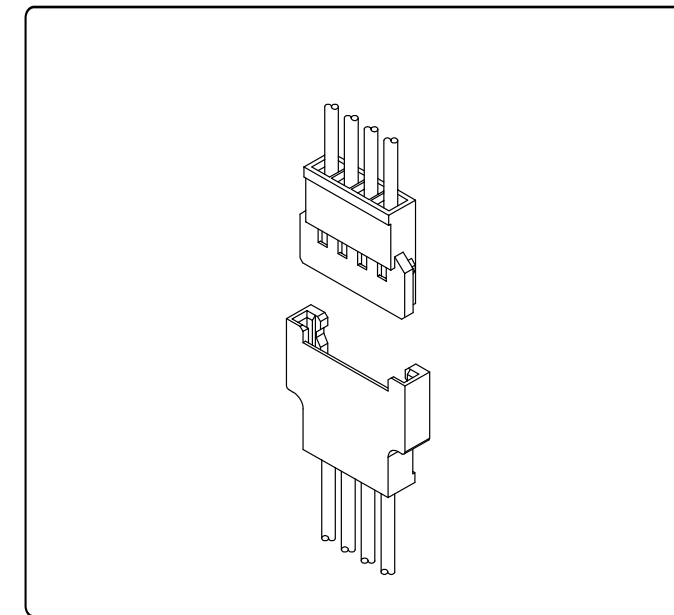
B25131 H F 9-1 XX X X
SERIES NO: H F 9-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
WATER CODE: 0-N/A
COLOR: M-BEIGE
PIN Q'PY: 02~16
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	5.50	10	22.50	25.50
03	5.00	8.00	11	25.00	28.00
04	7.50	10.50	12	27.50	30.50
05	10.00	13.00	13	30.00	33.00
06	12.50	15.50	14	32.50	35.50
07	15.00	18.00	15	35.00	38.00
08	17.50	20.50	16	37.50	40.50
09	20.00	23.00			



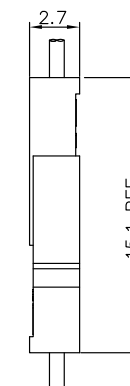
Assembly layout

wire to wire



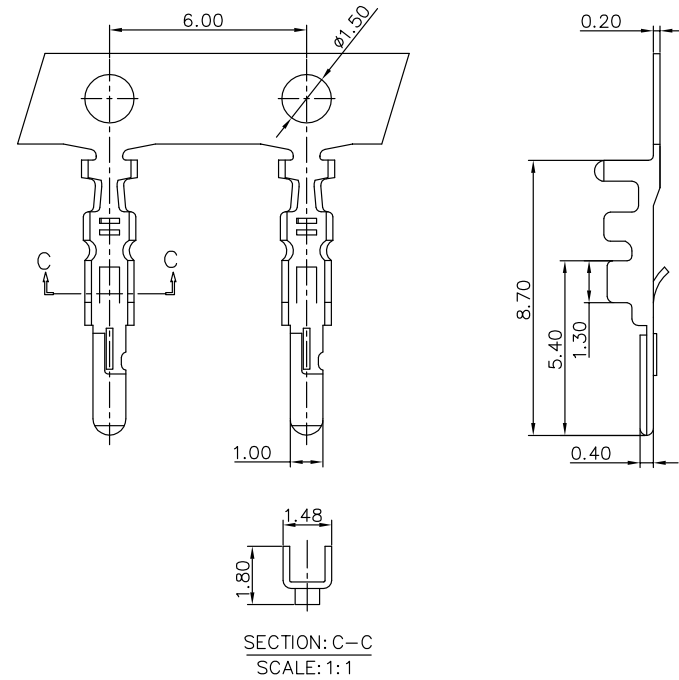
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 125V
Current rating: 2A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 500V AC



C2003TMX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

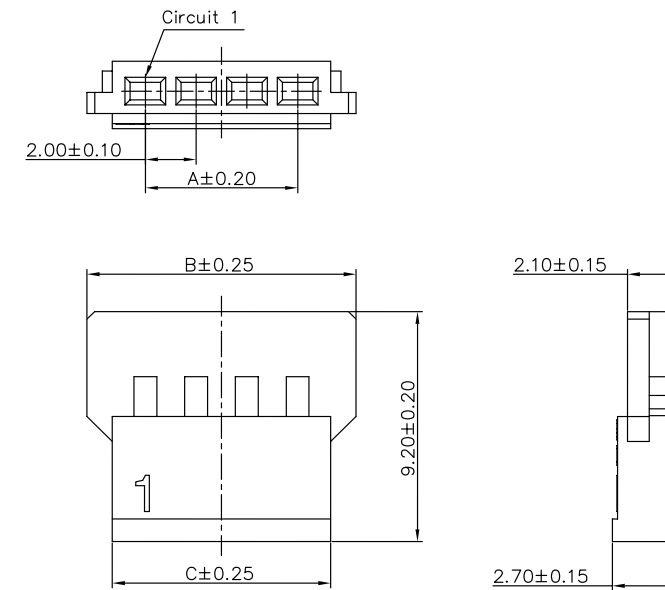
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #24-#28
SUITABLE C2003 series Female housing

SERIES NO: C2003 T M X-X
CONNECTOR: T-Terminal
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

C2003HM-1XXX0

Pitch 2.00mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

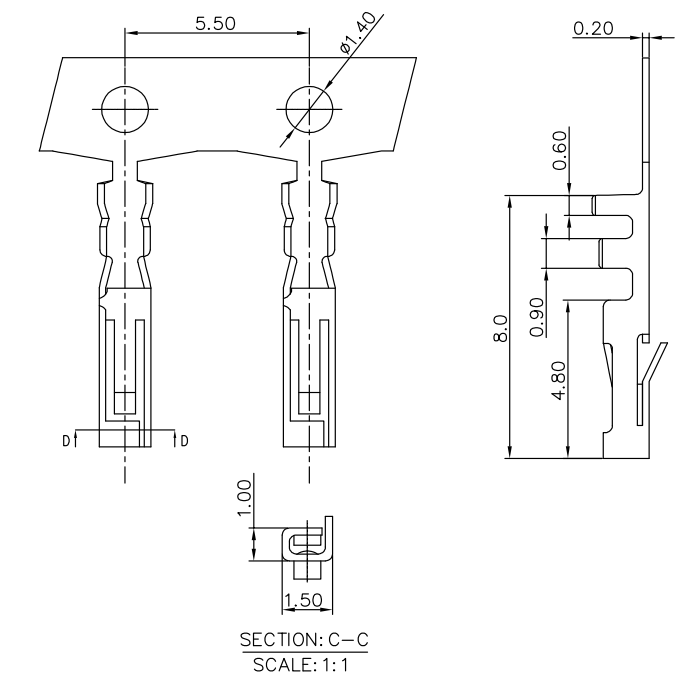
Suitable C2003 series Female Terminal

SERIES NO: C2003 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~13
ROW NO: 1-SINGLE ROW

Circuit	Dimensions			Circuit	Dimensions		
	A	B	C		A	B	C
02	---	6.60	4.60	08	14.00	18.60	16.60
03	4.00	8.60	6.60	09	16.00	20.60	18.60
04	6.00	10.60	8.60	10	18.00	22.60	20.60
05	8.00	12.60	10.60	11	20.00	24.60	22.60
06	10.00	14.60	12.60	12	22.00	26.60	24.60
07	12.00	16.60	14.60	13	24.00	28.60	26.60

C2003TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

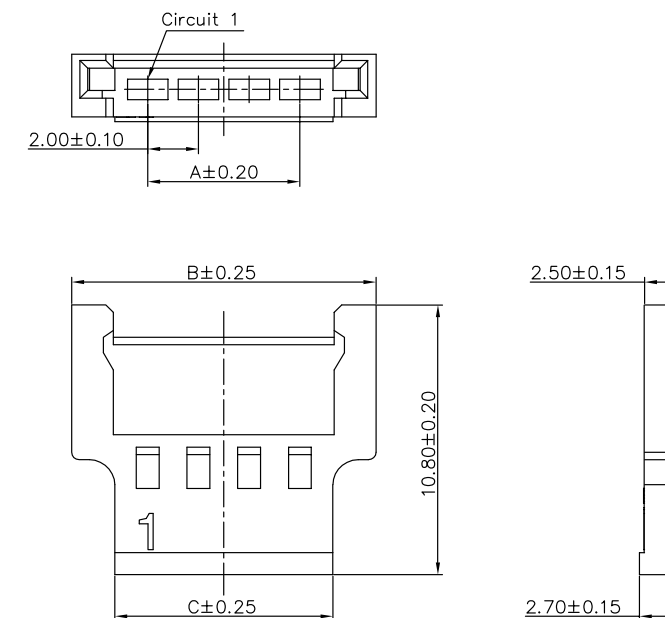
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #24-#28
SUITABLE C2003 series Male housing

SERIES NO: C2003 T F X-X
CONNECTOR: T-Terminal
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

C2003HF-1XXX0

Pitch 2.00mm Single row Housing



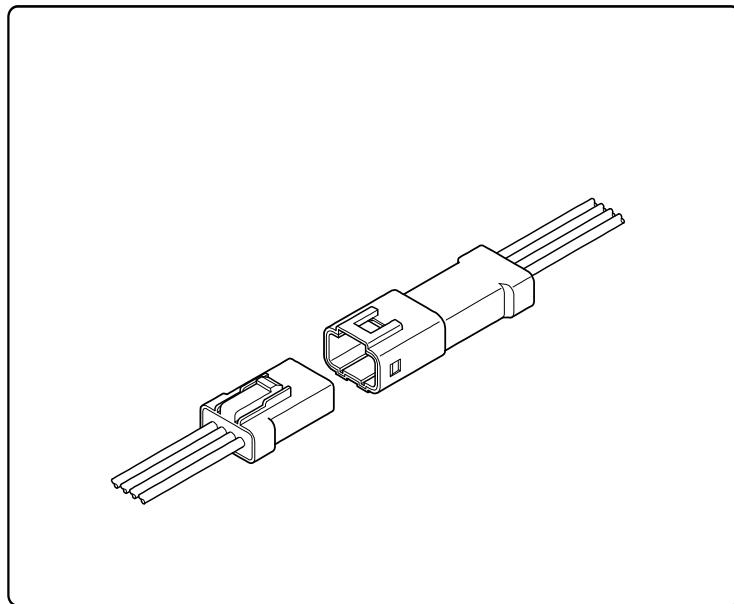
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C2003 series Male Terminal

SERIES NO: C2003 H F-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~13
ROW NO: 1-SINGLE ROW

Circuit	Dimensions			Circuit	Dimensions		
	A	B	C		A	B	C
02	---	8.00	4.60	08	14.00	20.00	16.60
03	4.00	10.00	6.60	09	16.00	22.00	18.60
04	6.00	12.00	8.60	10	18.00	24.00	20.60
05	8.00	14.00	10.60	11	20.00	26.00	22.60
06	10.00	16.00	12.60	12	22.00	28.00	24.60
07	12.00	18.00	14.60	13	24.00	30.00	26.60

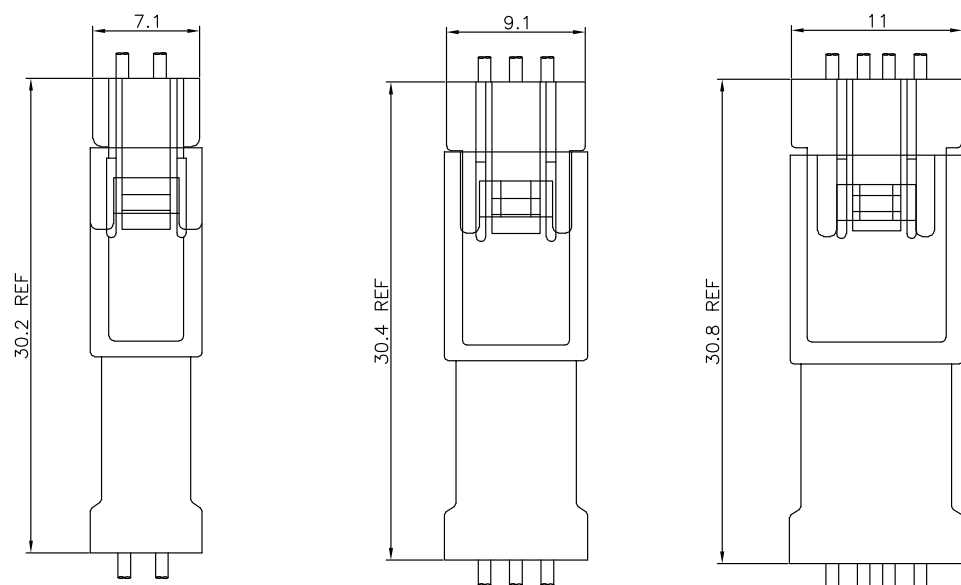


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 100V
Current rating: 3A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

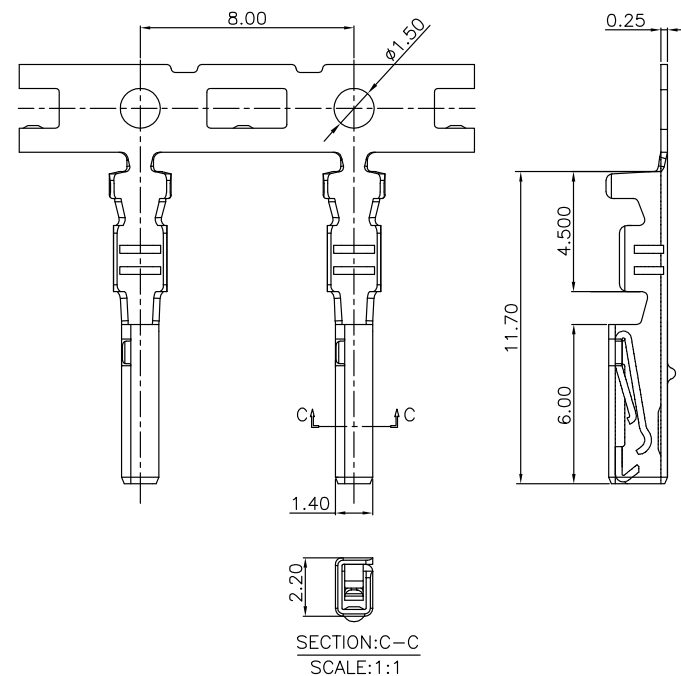
Assembly layout

wire to wire



C2004TFX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#26
SUITABLE C2004 series Male housing

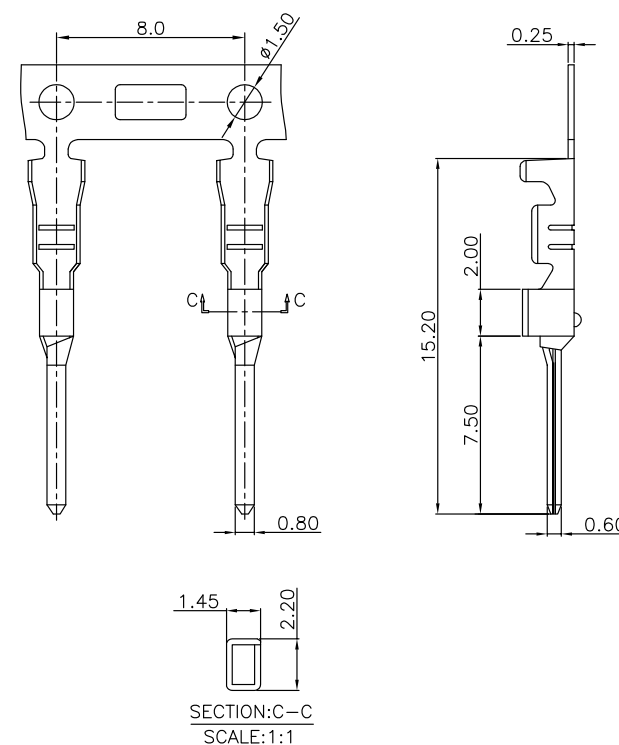
SERIES NO: C2004 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

C2004TMX-X

Pitch 2.00mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES: AWG #22-#26
SUITABLE C2004 series Female housing

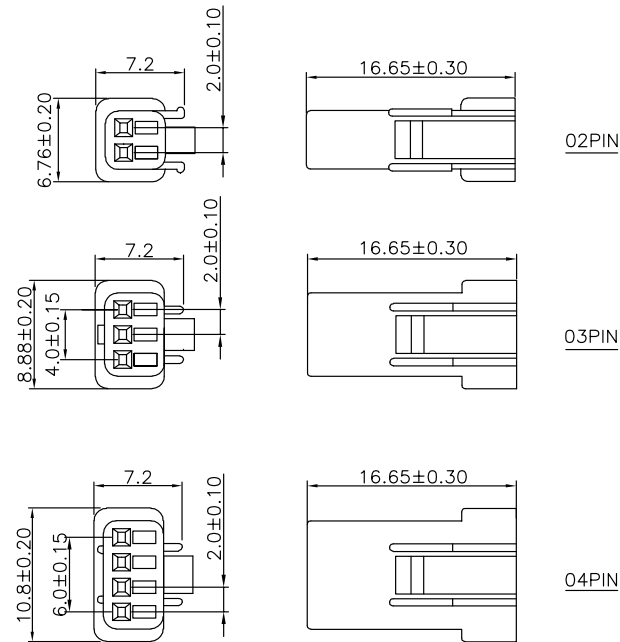
SERIES NO: C2004 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: M-MALE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN

METAL:
P-PHOSPHOR BRONZE
B-BRASS

C2004HM-1XXX0

Pitch 2.00mm Single row Housing



Specifications

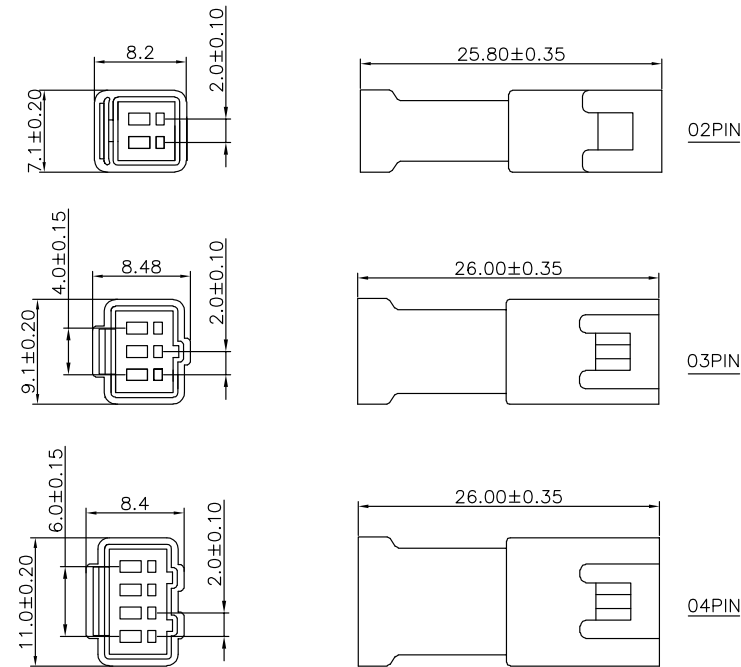
MATERIAL SPECIFICATION:
Housing: PBT,94V-0

Suitable C2004 series Terminal
Mates With C2004 series Female housing

SERIES NO: C2004 H M-1 XX X 0
COLOR: K-WHITE
CONNECTOR: H-HOUSING
PIN Q'PY: 02~04
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW

C2004HF-1XXX0

Pitch 2.00mm Single row Housing



Specifications

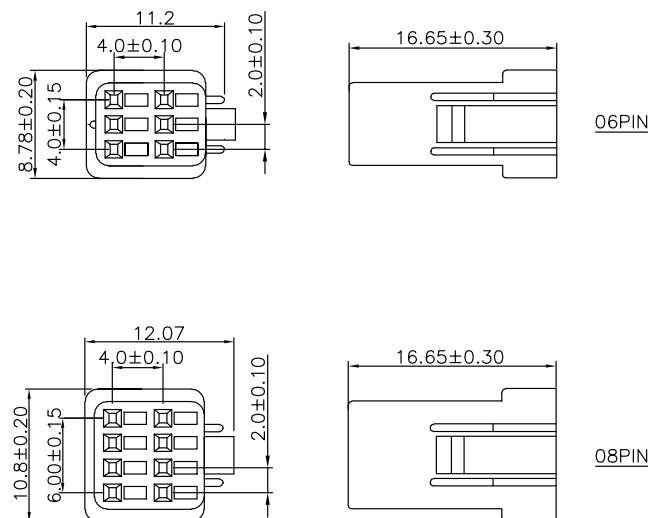
MATERIAL SPECIFICATION:
Housing: PBT,94V-0

Suitable C2004 series Terminal
Mates With C2004 series Male housing

SERIES NO: C2004 H F-1 XX X 0
COLOR: K-WHITE
CONNECTOR: H-HOUSING
PIN Q'PY: 02~04
MALE FEMALE: F-FEMALE
ROW NO: 1-SINGLE ROW

C2004HM-2XXX0

Pitch 2.00mm Double row Housing



Specifications

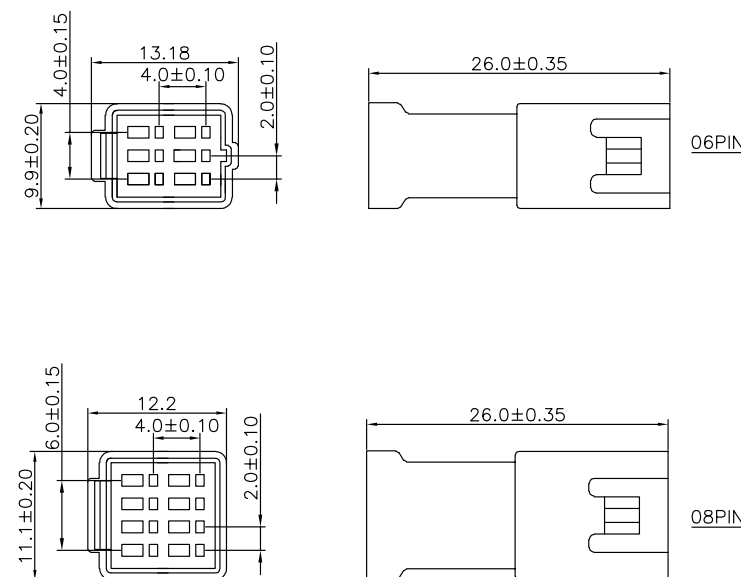
MATERIAL SPECIFICATION:
Housing: PBT,94V-0

Suitable C2004 series Terminal
Mates With C2004 series Female housing

SERIES NO: C2004 H M-2 XX X 0
COLOR: K-WHITE
CONNECTOR: H-HOUSING
PIN Q'PY: 06~08
MALE FEMALE: M-MALE
ROW NO: 2-DOUBLE ROW

C2004HF-2XXX0

Pitch 2.00mm Double row Housing

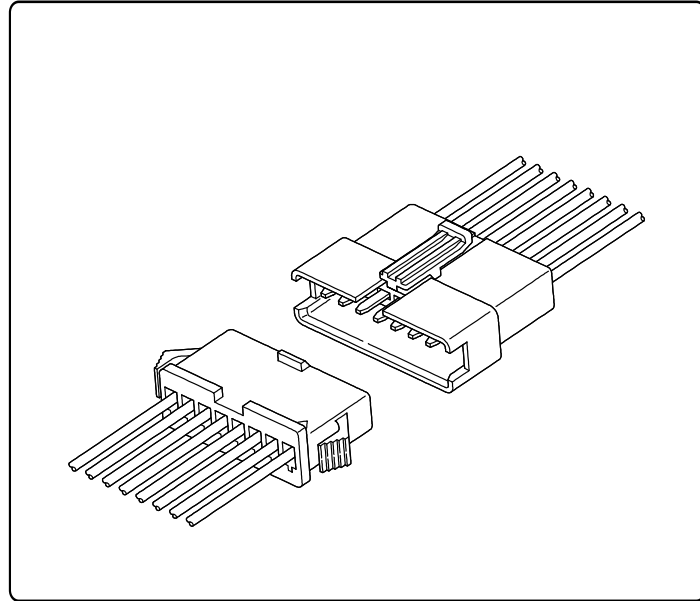


Specifications

MATERIAL SPECIFICATION:
Housing: PBT,94V-0

Suitable C2004 series Terminal
Mates With C2004 series Male housing

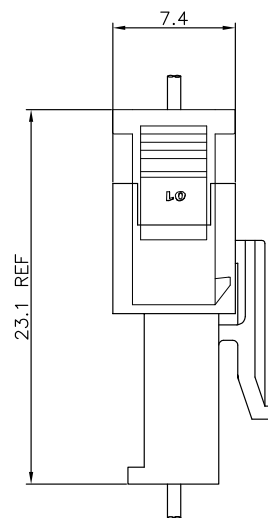
SERIES NO: C2004 H F-2 XX X 0
COLOR: K-WHITE
CONNECTOR: H-HOUSING
PIN Q'PY: 06~08
MALE FEMALE: F-FEMALE
ROW NO: 2-DOUBLE ROW



Specifications

Temperature range: -25°C~+85°C
Voltage rating: 250V
Current rating: 3A
Contact resistance: 20mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 1500V AC

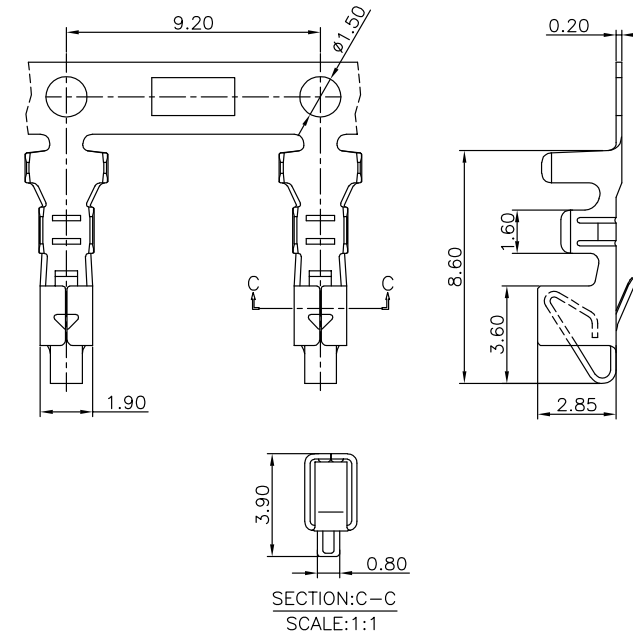
Assembly layout



wire to wire

C2521T1FX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

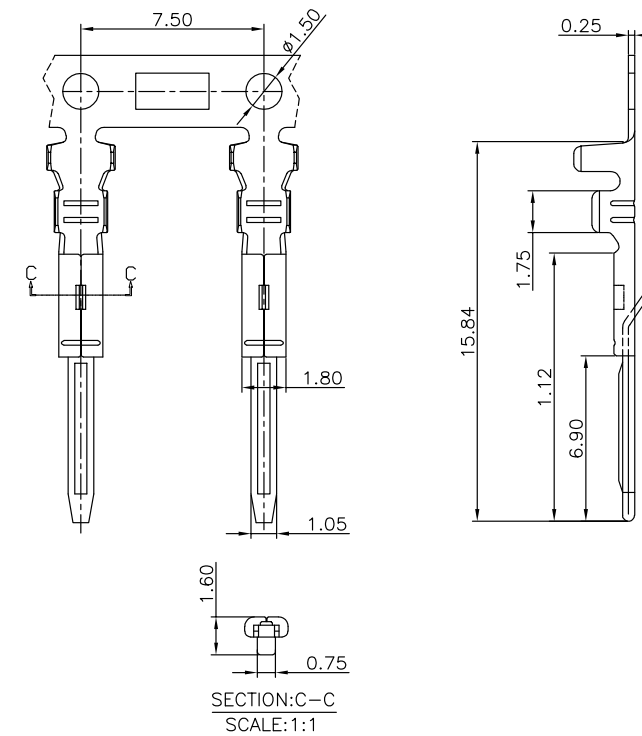
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE C2521 series

SERIES NO: C2521 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE: F-FEMALE, M-MALE
PLATING: A-ALL AU G/F, C-BRIGHT TIN, D-MATTE TIN
METAL: P-PHOSPHOR BRONZE, B-BRASS

C2521T1MX-X

Pitch 2.50mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

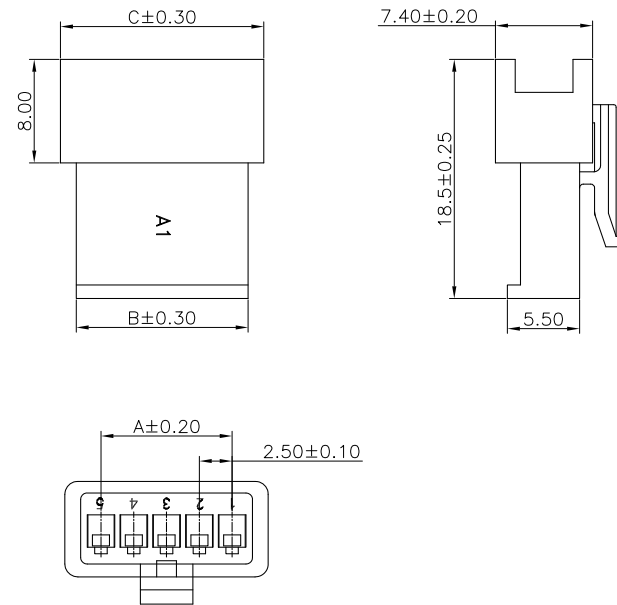
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #22-#28
SUITABLE C2521 series Female housing

SERIES NO: C2521 T 1 M X-X
CONNECTOR: T-TERMINAL
TYPE CODE: F-FEMALE, M-MALE
PLATING: A-ALL AU G/F, C-BRIGHE TIN, D-MATTE TIN
METAL: P-PHOSPHOR BRONZE, B-BRASS

C2521H1F-1XXX0

Pitch 2.50mm Single row Housing



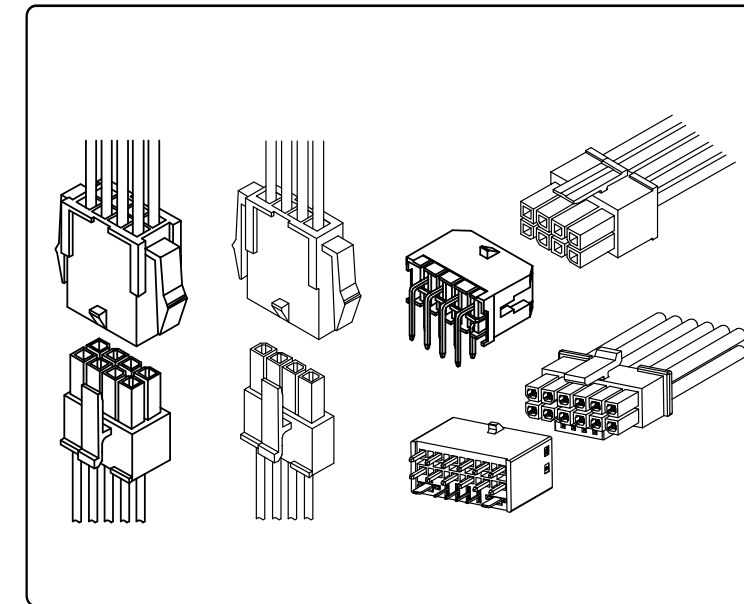
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C2521 series Male Terminal

SERIES NO: C2521 H 1 F-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: F-1
MALE FEMALE: F-FEMALE
COLOR: A-BLACK, K-WHITE
PIN Q' PY: 02~12
ROW NO: 1-SINGLE ROW

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.60	7.8	08	17.50	20.60	22.50
03	5.00	8.10	10.60	09	20.00	23.10	25.00
04	7.50	10.60	13.10	10	22.50	25.60	27.50
05	10.00	13.10	15.00	11	25.00	28.10	30.00
06	12.50	15.60	17.50	12	27.50	30.60	32.50
07	15.00	18.10	20.00				



Specifications

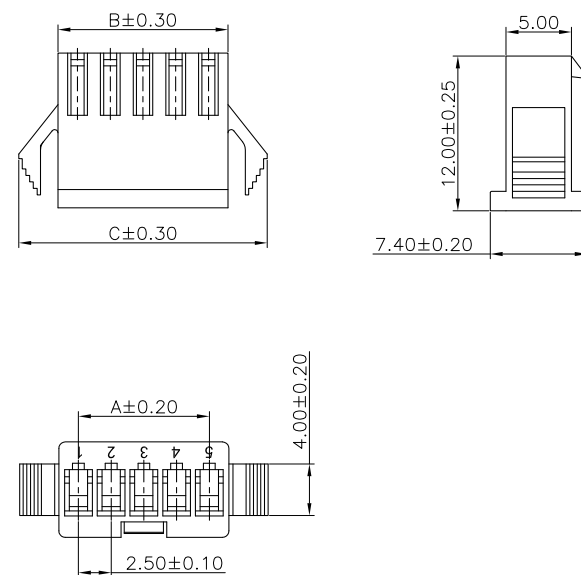
Temperature range: -40°C~+105°C
Voltage rating: 250V
Current rating: 5A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1000V AC

Assembly layout

wire to wire

C2521H1M-1XXX0

Pitch 2.50mm Single row Housing



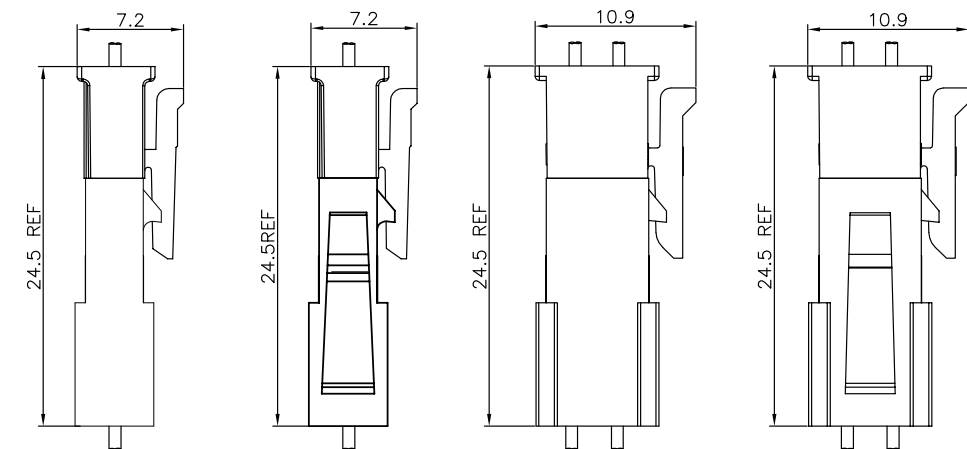
Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C2521 series Female Terminal

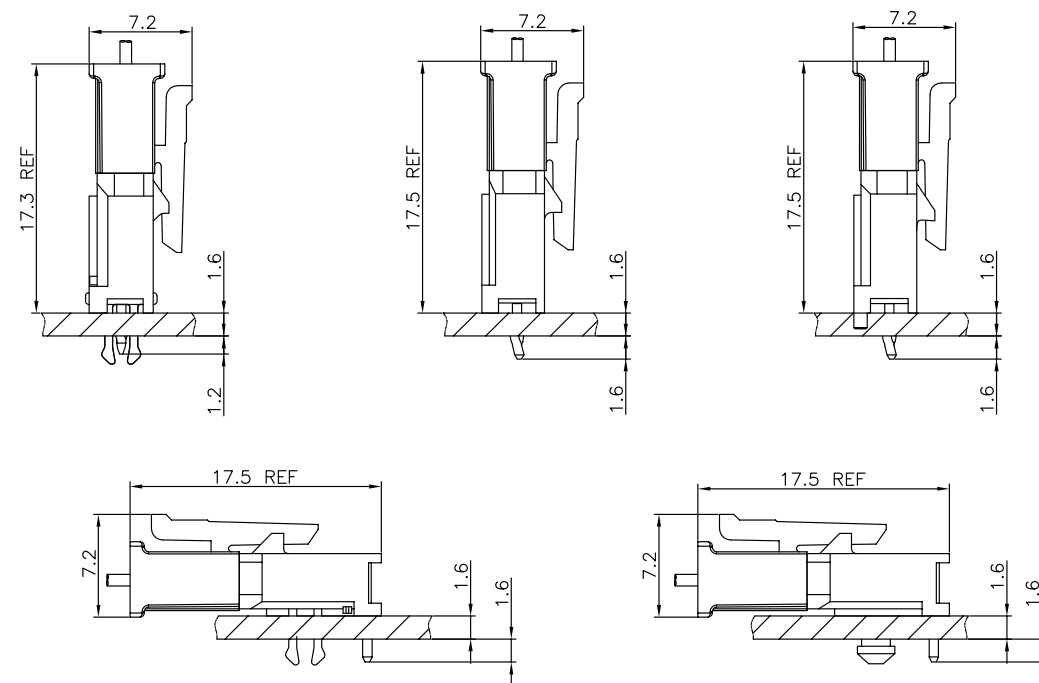
SERIES NO: C2521 H 1 M-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: M-1
MALE FEMALE: M-MALE
COLOR: A-BLACK, K-WHITE
PIN Q' PY: 02~12
ROW NO: 1-SINGLE ROW

Circuits	Dimensions(mm)			Circuits	Dimensions(mm)		
	A	B	C		A	B	C
02	---	5.50	11.50	08	17.50	20.50	26.50
03	5.00	8.00	14.00	09	20.00	23.00	29.00
04	7.50	10.50	16.50	10	22.50	25.50	31.50
05	10.00	13.00	19.00	11	25.00	28.00	34.00
06	12.50	15.50	21.50	12	27.50	30.50	36.50
07	15.00	18.00	24.00				

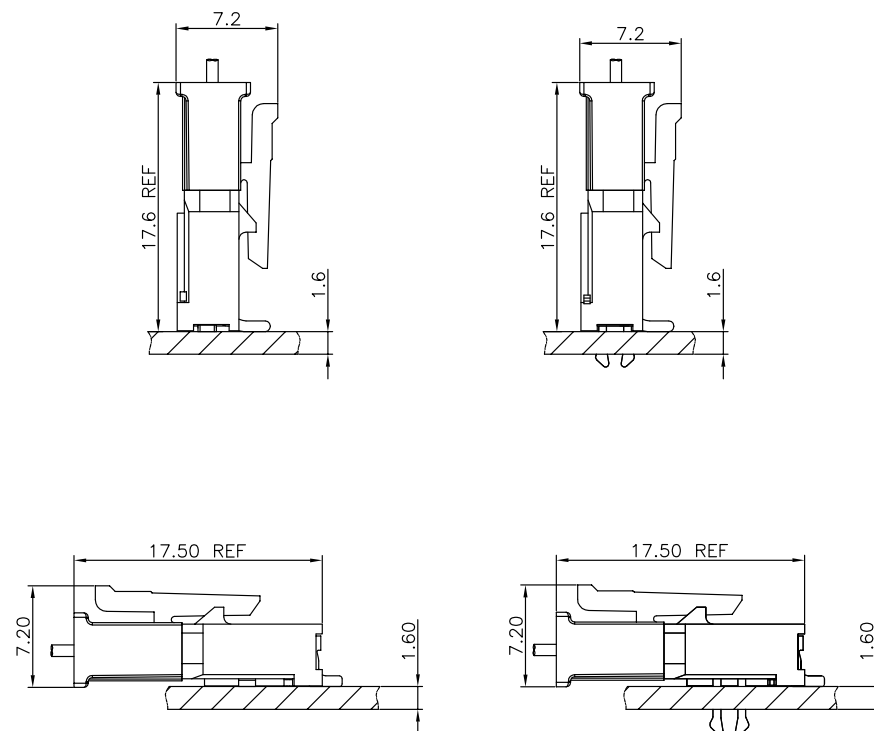


Assembly layout

wire to board



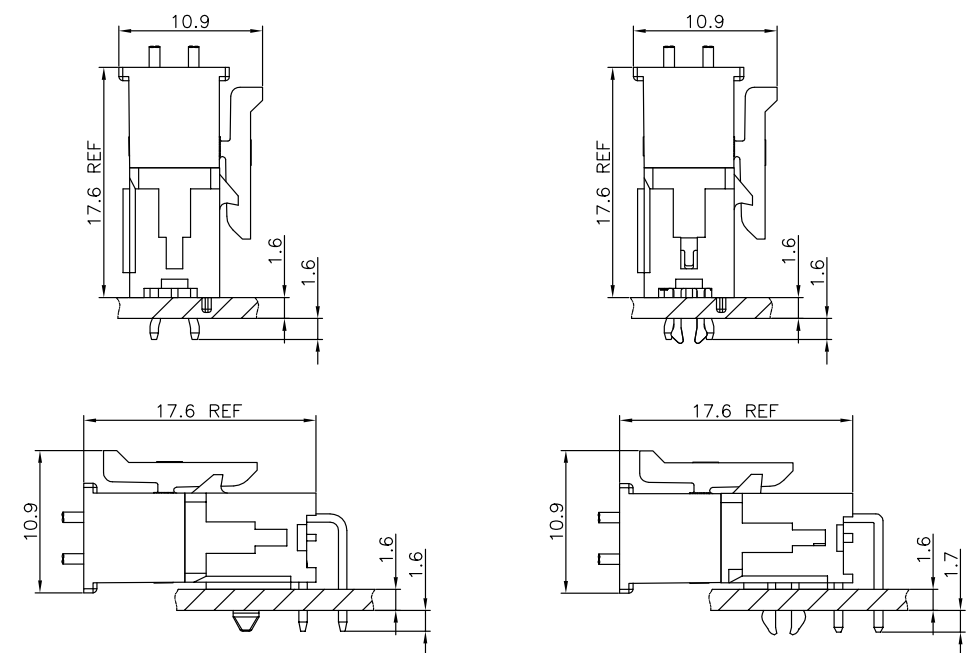
Single row DIP Type



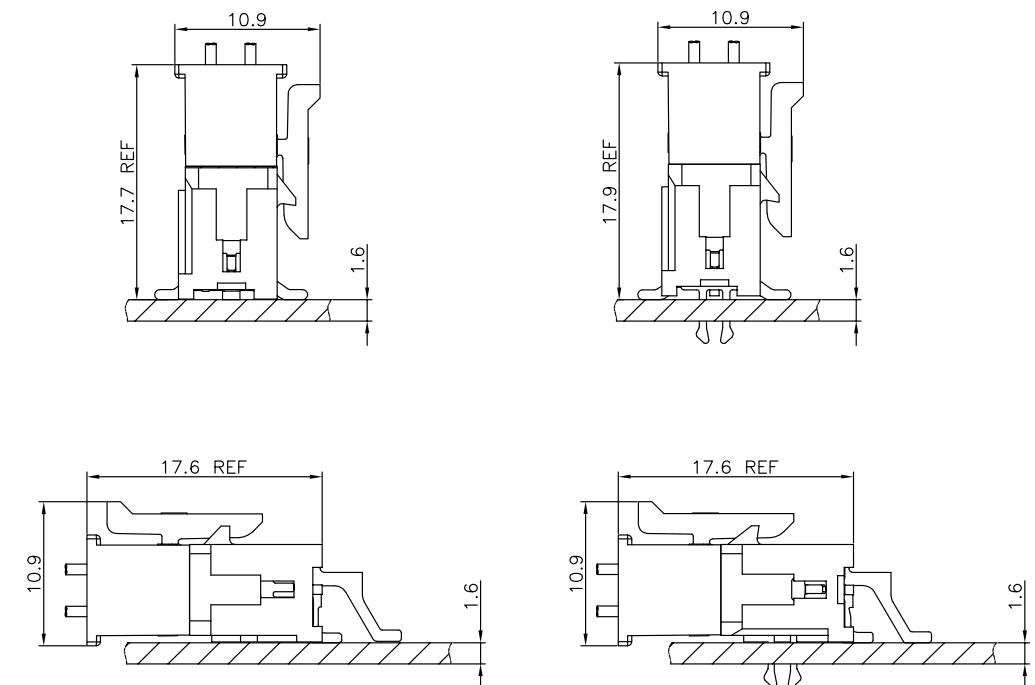
Single row SMT Type

Assembly layout

wire to board



Double row DIP Type



Double row SMT Type

C3030TFX-X

Pitch 3.00mm Terminal

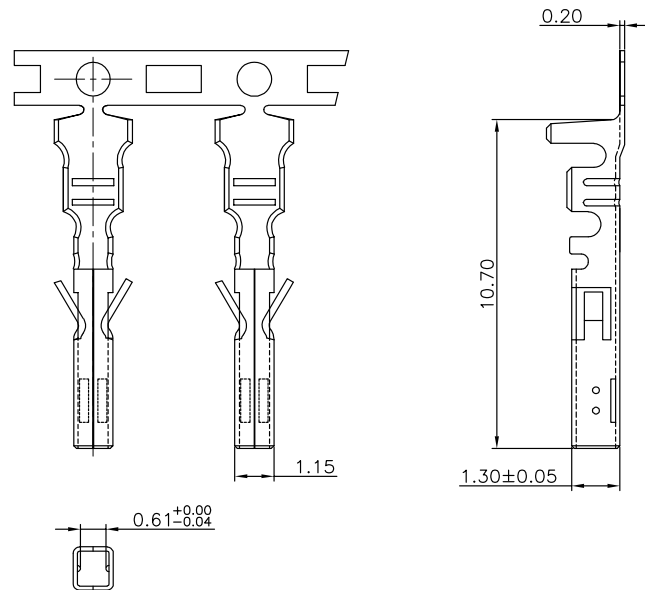
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #20-#24
SUITABLE C3030 series Male housing

SERIES NO: C3030 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
1-G/F
METAL:
P-PHOSPHOR BRONZE
B-BRASS



C3030T1FX-X

Pitch 3.00mm Terminal

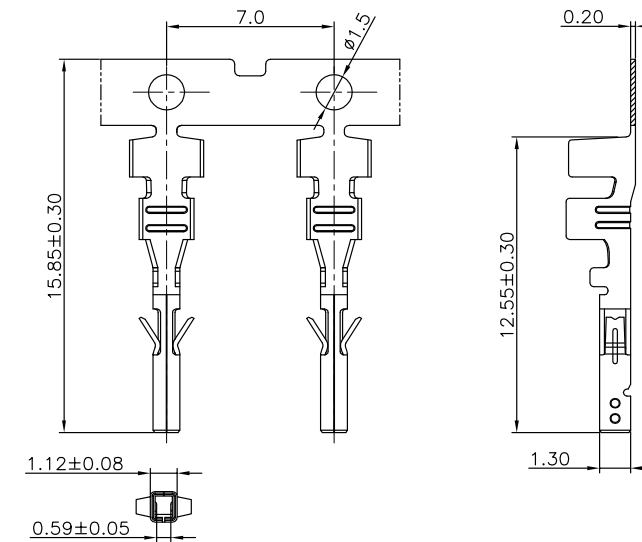
Specifications

MATERIAL SPECIFICATION:
Terminal: High conductivity copper

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#18
SUITABLE C3030 series Male housing

SERIES NO: C3030 T 1 F X-X
CONNECTOR: T-TERMINAL
1-TYPE CODE
MALE FEMALE: F-FEMALE
M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS
H-HIGH CONDUCTIVITY COPPER



C3030TMX-X

Pitch 3.00mm Terminal

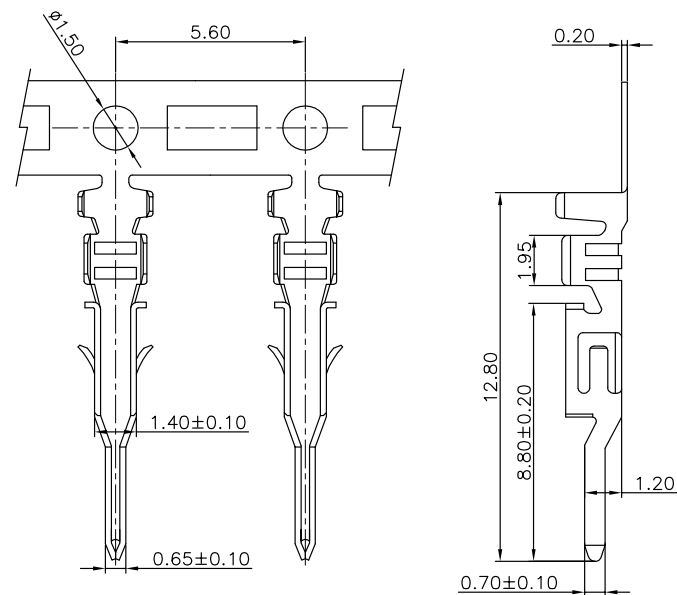
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #20-#24
SUITABLE C3030 series Female housing

SERIES NO: C3030 T M X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE
M-MALE
PLATING:
1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS



C3030T2FX-X

Pitch 3.00mm Terminal

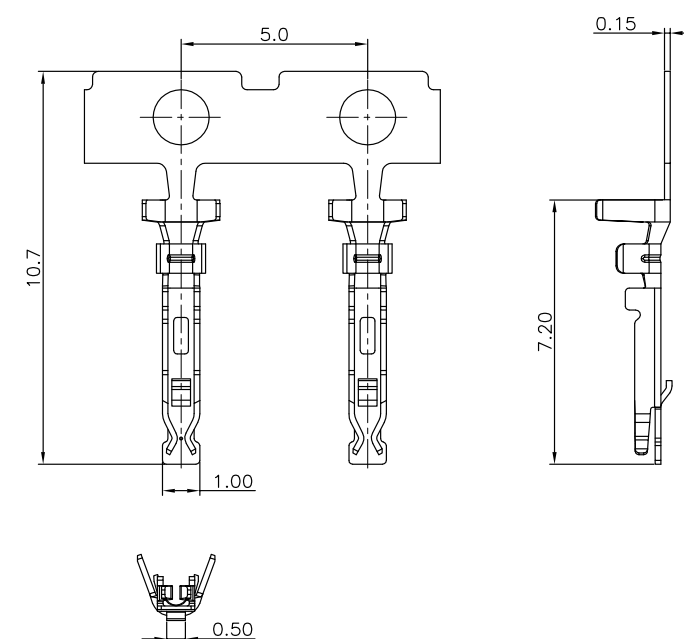
Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28
SUITABLE C3030 series Male housing

SERIES NO: C3030 T 2 F X-X
CONNECTOR: T-TERMINAL
2-TYPE CODE
MALE FEMALE: F-FEMALE
M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS



C3030HM-2XXXX

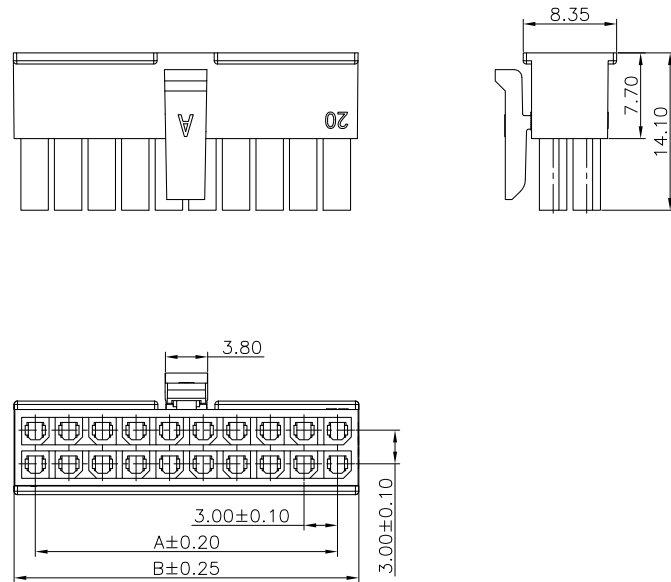
Pitch 3.00mm Double row Housing

Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Suitable C3030 series Terminal
Mates With C3030 series Wafer

SERIES NO: C3030 H M-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 2-DOUBLE ROW
HOUSING: 0-UL94V-0
1-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~24

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
2*01	---	5.50	2*07	18.00	22.00
2*02	---	8.50	2*08	21.00	25.00
2*03	6.00	10.00	2*09	24.00	28.00
2*04	9.00	13.00	2*10	27.00	31.00
2*05	12.00	16.00	2*11	30.00	34.00
2*06	15.00	19.00	2*12	33.00	37.00



C3030HF-1XXXX

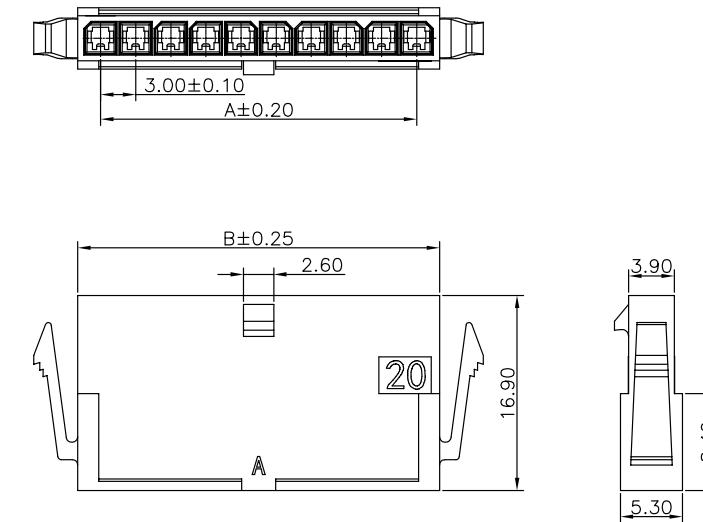
Pitch 3.00mm Single row Housing

Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Suitable C3030 series Terminal
Mates With C3030 series Male housing

SERIES NO: C3030 H F-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ROW NO: 1-SINGLE ROW
HOUSING: 1-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~12

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.95	08	21.00	24.95
03	6.00	9.95	09	24.00	27.95
04	9.00	12.95	10	27.00	30.95
05	12.00	15.95	11	30.00	33.95
06	15.00	18.95	12	33.00	36.95
07	18.00	21.95			



C3030HM-1XXXX

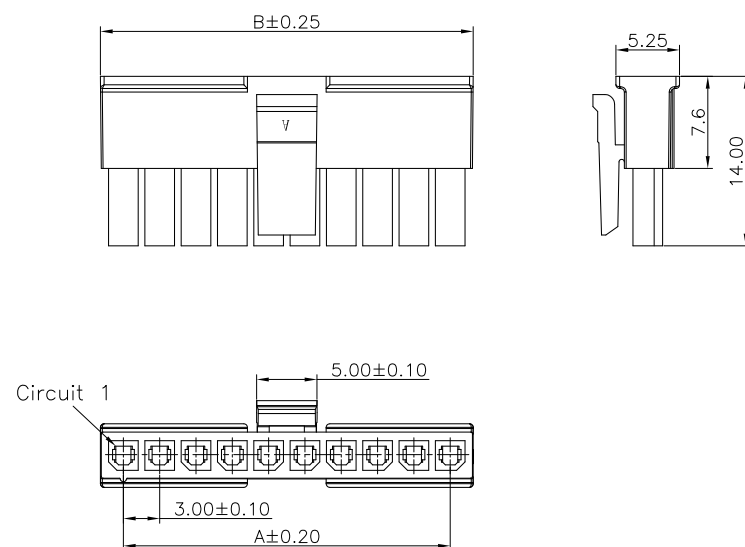
Pitch 3.00mm Single row Housing

Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Suitable C3030 series Terminal
Mates With C3030 series Wafer

SERIES NO: C3030 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
ROW NO: 1-SINGLE ROW
HOUSING: 1-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~12

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	8.30	08	21.00	24.80
03	6.00	9.80	09	24.00	27.80
04	9.00	12.80	10	27.00	30.80
05	12.00	15.80	11	30.00	33.80
06	15.00	18.80	12	33.00	36.80
07	18.00	21.80			



C3030H1F-1XXXX

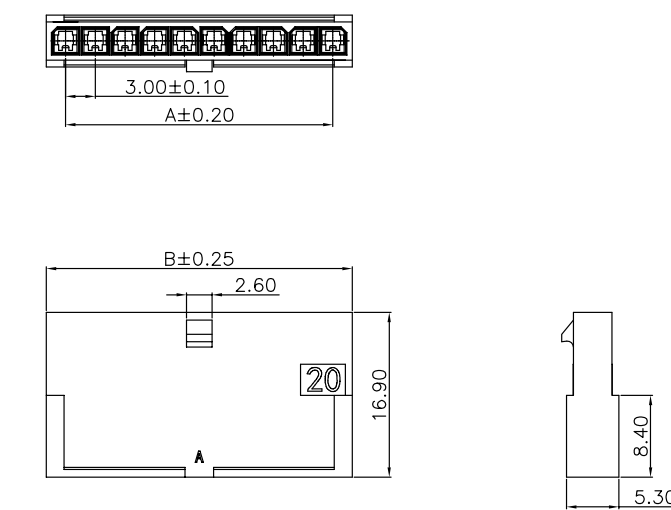
Pitch 3.00mm Single row Housing

Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Suitable C3030 series Terminal
Mates With C3030 series Male housing

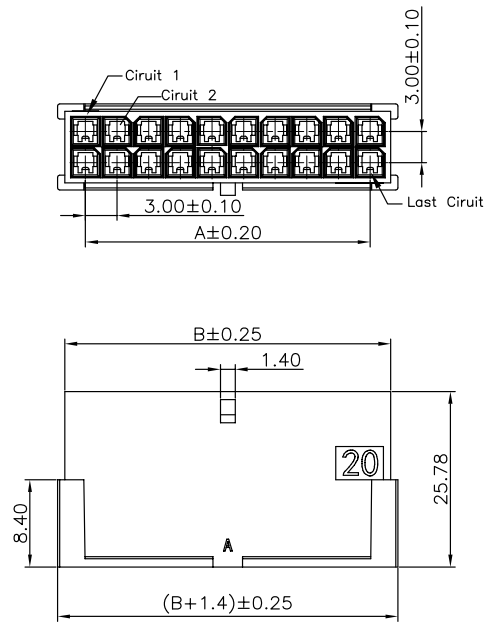
SERIES NO: C3030 H 1 F-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE FEMALE: M-MALE
F-FEMALE
ROW NO: 1-SINGLE ROW
HOUSING: 1-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~12

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	6.95	08	21.00	24.95
03	6.00	9.95	09	24.00	27.95
04	9.00	12.95	10	27.00	30.95
05	12.00	15.95	11	30.00	33.95
06	15.00	18.95	12	33.00	36.95
07	18.00	21.95			



C3030HF-2XXXX

Pitch 3.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2

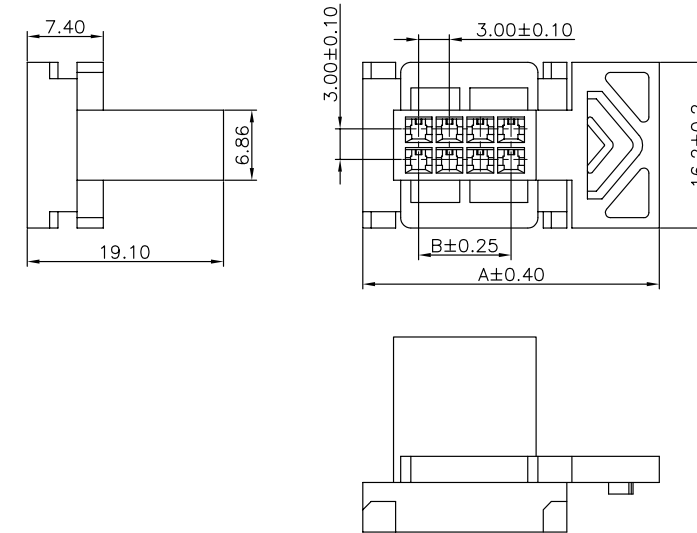
Suitable C3030 series Terminal
Mates With C3030 series Male housing

SERIES NO: C3030 H F-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ROW NO: 2-DOUBLE ROW
HOUSING: 0-UL94V-0
1-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~24

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	3.95	2*07	18.00	21.95
2*02	---	6.95	2*08	21.00	24.95
2*03	6.00	9.95	2*09	24.00	27.95
2*04	9.00	12.95	2*10	27.00	30.95
2*05	12.00	15.95	2*11	30.00	33.95
2*06	15.00	18.95	2*12	33.00	36.95

C3030H2F-2XXX0

Pitch 3.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

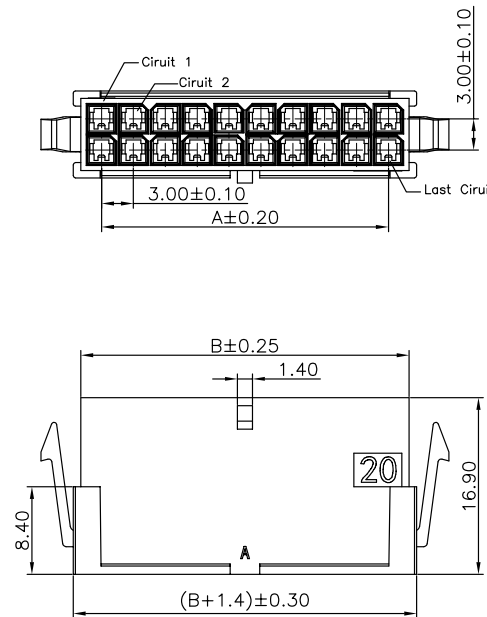
Suitable C3030 series Terminal
Mates With C3030 series Male housing

SERIES NO: C3030 H 2 F-2 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: F-FEMALE
COLOR: A-BLACK
PIN Q'PY: 04~24
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*02	22.84	---	2*08	40.84	21.00
2*03	25.84	6.00	2*09	43.84	24.00
2*04	28.84	9.00	2*10	46.84	27.00
2*05	31.84	12.00	2*11	49.84	30.00
2*06	34.84	15.00	2*12	52.84	33.00
2*07	37.84	18.00			

C3030H1F-2XXXX

Pitch 3.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2

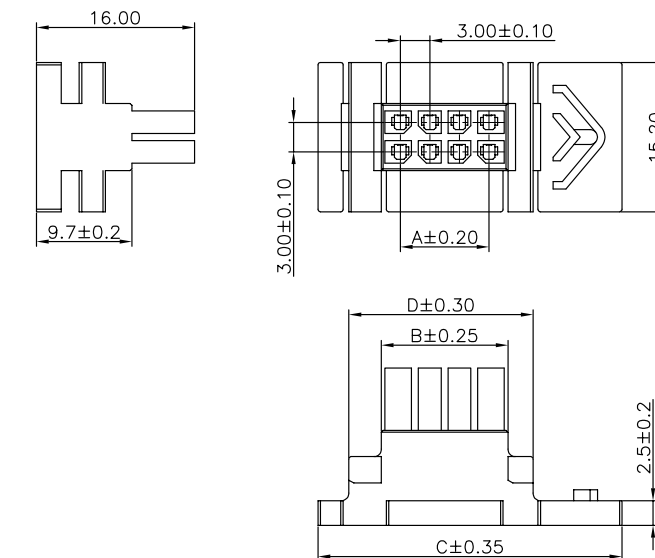
Suitable C3030 series Terminal
Mates With C3030 series Male housing

SERIES NO: C3030 H 1 F-2 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE FEMALE: M-MALE
F-FEMALE
ROW NO: 2-DOUBLE ROW
HOUSING: 1-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PIN Q'PY: 02~24

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	3.95	2*07	18.00	21.95
2*02	---	6.95	2*08	21.00	24.95
2*03	6.00	9.95	2*09	24.00	27.95
2*04	9.00	12.95	2*10	27.00	30.95
2*05	12.00	15.95	2*11	30.00	33.95
2*06	15.00	18.95	2*12	33.00	36.95

C3030H3M-2XXX0

Pitch 3.00mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

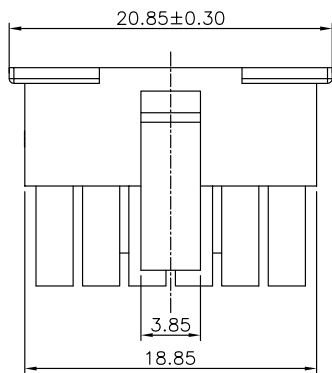
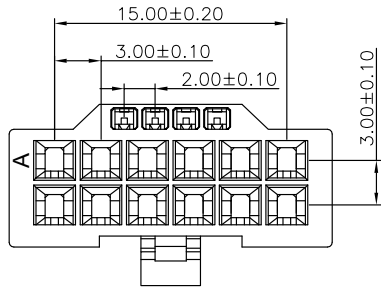
Suitable C3030 series Terminal
Mates With C3030 series Wafer

SERIES NO: C3030 H 3 M-2 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE: M-MALE
COLOR: A-BLACK
PIN Q'PY: 04~24
ROW NO: 2-DOUBLE ROW

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*02	---	6.85	24.80	12.60	2*08	21.00	24.85	42.80	30.60
2*03	6.00	9.85	27.80	15.60	2*09	24.00	27.85	45.80	33.60
2*04	9.00	12.85	30.80	18.60	2*10	27.00	30.85	48.80	36.60
2*05	12.00	15.85	33.80	21.60	2*11	30.00	33.85	51.80	39.60
2*06	15.00	18.85	36.80	24.60	2*12	33.00	36.85	54.80	42.60
2*07	18.00	21.85	39.80	27.60					

C3030H2M-2XXXX

Pitch 3.00mm Double row Housing



Specifications

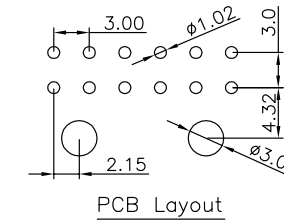
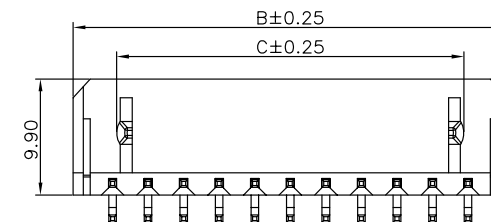
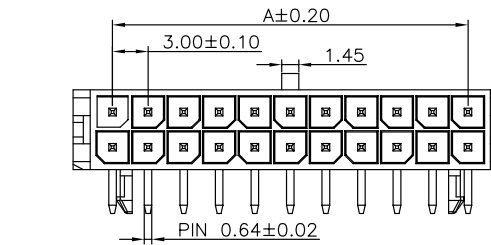
MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C3030 series Terminal
Mates With C3030 series Wafer

SERIES NO: C3030 H 2 M-2 XX X X
CONNECTOR: H-HOUSING
2-TYPE CODE2
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 2-DOUBLE ROW
0-NO Lettering
1-Lettering "M"
2-Lettering "S"
COLOR: A-BLACK S-NATURE
PIN Q'PY: 12PIN

C3030W9-2XX1XX0

Pitch 3.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

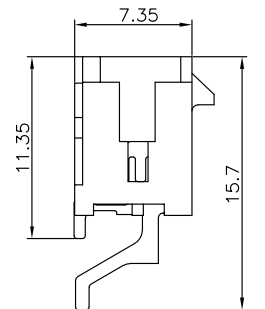
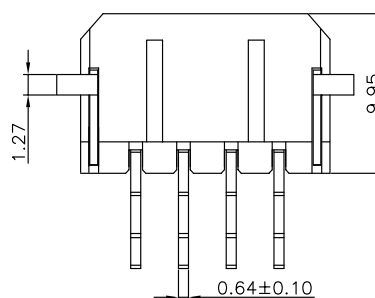
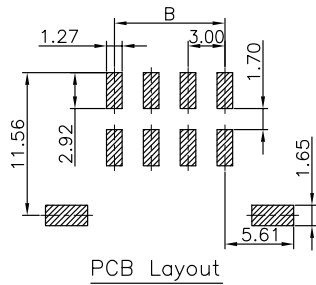
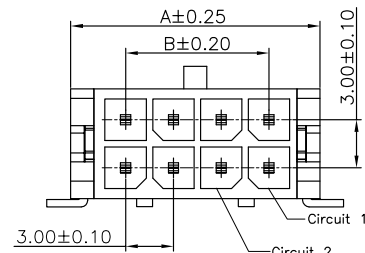
Mates with C3030 series housing

SERIES NO: C3030 W 9-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
2*01	---	6.65	3.55	2*07	18.00	24.65	17.30
2*02	---	9.65	3.55	2*08	21.00	27.65	20.30
2*03	6.00	12.65	3.55	2*09	24.00	30.65	23.30
2*04	9.00	15.65	8.30	2*10	27.00	33.65	26.30
2*05	12.00	18.65	11.30	2*11	30.00	36.65	29.30
2*06	15.00	21.65	14.30	2*12	33.00	39.65	32.30

C3030W9-2XX2XX0

Pitch 3.00mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

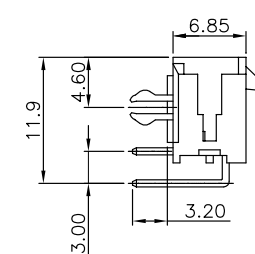
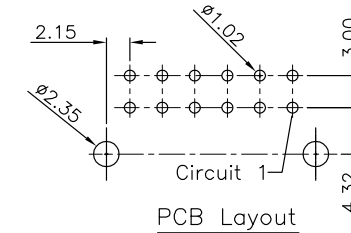
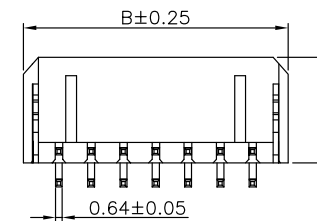
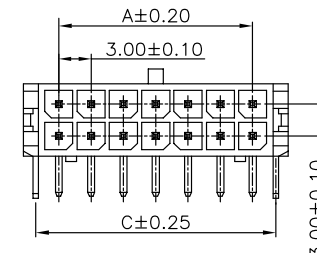
Mates with C3030 series housing

SERIES NO: C3030 W 9-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~16
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	6.65	---	2*07	24.65	18.00
2*02	9.65	---	2*08	27.65	21.00
2*03	12.65	6.00	2*09	30.65	24.00
2*04	15.65	9.00	2*10	33.65	27.00
2*05	18.65	12.00	2*11	36.65	30.00
2*06	21.65	15.00	2*12	39.65	33.00

C3030W91-2XX1XX0

Pitch 3.00mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

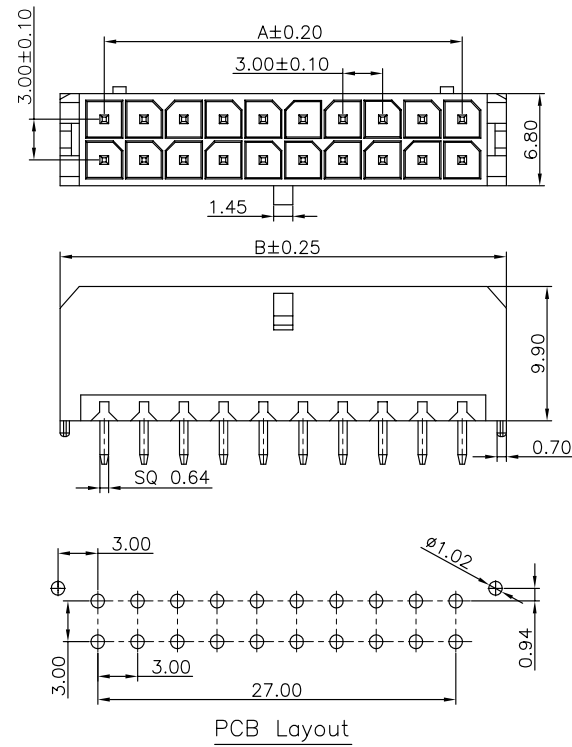
Mates with C3030 series housing

SERIES NO: C3030 W 9 1-2 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHE TIN D-MATTE Tin
TERMIPOINT: 1-DIP
PIN Q'PY: 02~24

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*01	---	6.65	4.30	2*07	18.00	24.65	22.30
2*02	---	9.65	7.30	2*08	21.00	27.65	25.30
2*03	6.00	12.65	10.30	2*09	24.00	30.65	28.30
2*04	9.00	15.65	13.30	2*10	27.00	33.65	31.30
2*05	12.00	18.65	16.30	2*11	30.00	36.65	34.30
2*06	15.00	21.65	19.30	2*12	33.00	39.65	37.30

C3030W0-2XX1XXX

Pitch 3.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C3030 series housing

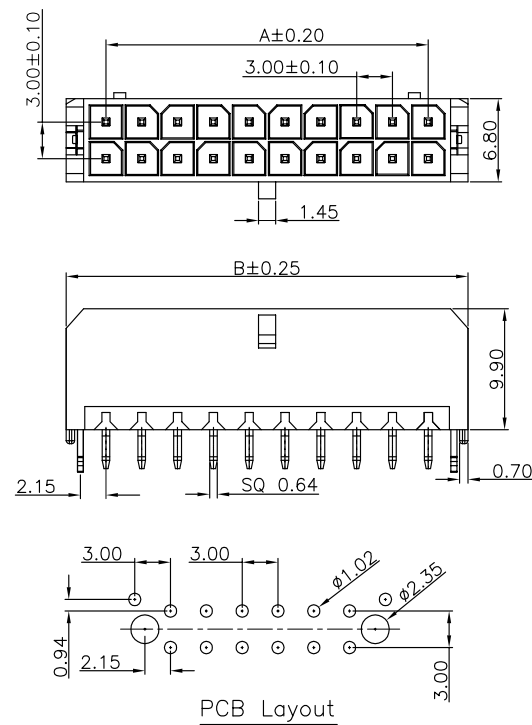
SERIES NO: C3030 W 0-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

Option:
1-K feet
0-NO
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	6.65	2*07	18.00	24.65
2*02	---	9.65	2*08	21.00	27.65
2*03	6.00	12.65	2*09	24.00	30.65
2*04	9.00	15.65	2*10	27.00	33.65
2*05	12.00	18.65	2*11	30.00	36.65
2*06	15.00	21.65	2*12	33.00	39.65

C3030W01-2XX1XXX

Pitch 3.00mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with C3030 series housing

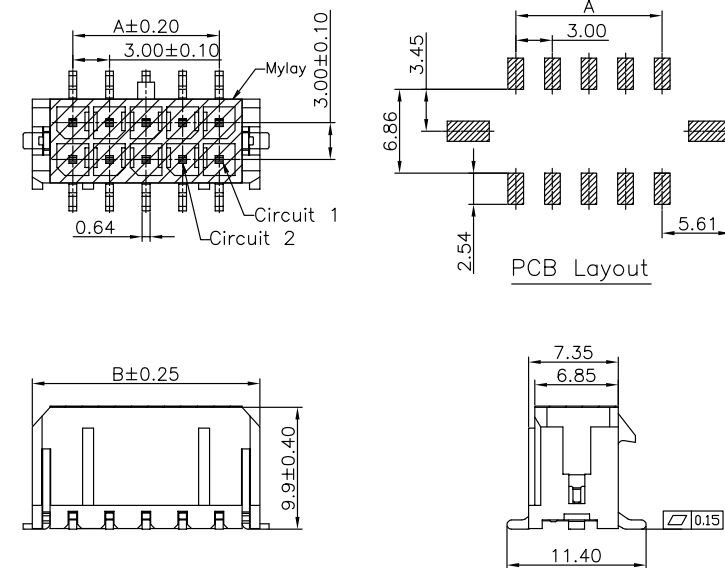
SERIES NO: C3030 W 0 1-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

WATER CODE
0-N/A
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	6.65	2*07	18.00	24.65
2*02	---	9.65	2*08	21.00	27.65
2*03	6.00	12.65	2*09	24.00	30.65
2*04	9.00	15.65	2*10	27.00	33.65
2*05	12.00	18.65	2*11	30.00	36.65
2*06	15.00	21.65	2*12	33.00	39.65

C3030W0-2XX2XX0

Pitch 3.00mm 180° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with C3030 series housing

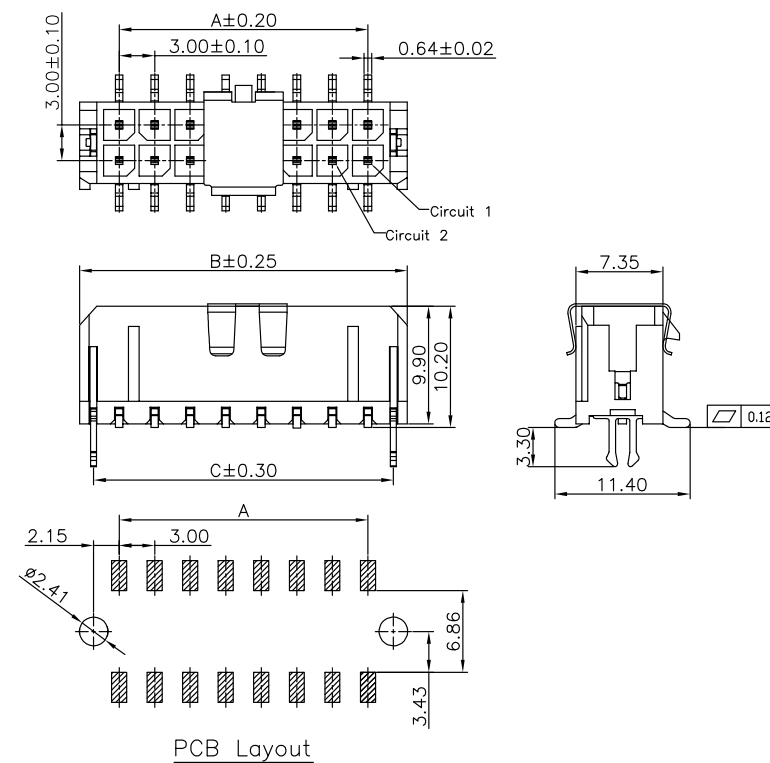
SERIES NO: C3030 W 0-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
0-180°
ROW NO: 2-SINGLE ROW
PIN Q'PY: 02~24

COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	6.65	2*07	18.00	24.65
2*02	---	9.65	2*08	21.00	27.65
2*03	6.00	12.65	2*09	24.00	30.65
2*04	9.00	15.65	2*10	27.00	33.65
2*05	12.00	18.65	2*11	30.00	36.65
2*06	15.00	21.65	2*12	33.00	39.65

C3030W01-2XX2XX0

Pitch 3.00mm 180° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Matte tin

Mates with C3030 series housing

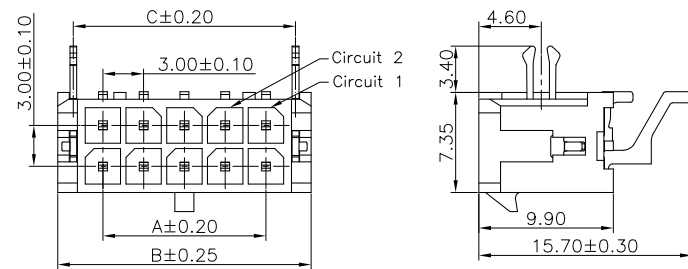
SERIES NO: C3030 W 0 1-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
2-SMT

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*01	---	6.65	4.30	2*07	18.00	24.65	22.30
2*02	---	9.65	7.30	2*08	21.00	27.65	25.30
2*03	6.00	12.65	10.30	2*09	24.00	30.65	28.30
2*04	9.00	15.65	13.30	2*10	27.00	33.65	31.30
2*05	12.00	18.65	16.30	2*11	30.00	36.65	34.30
2*06	15.00	21.65	19.30	2*12	33.00	39.65	37.30

C3030W91-2XX2XX0

Pitch 3.00mm 90° Double row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with C3030 series housing

SERIES NO: C3030 W 9 1-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW

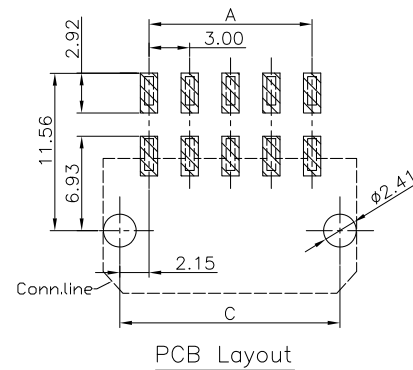
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
2-SMT

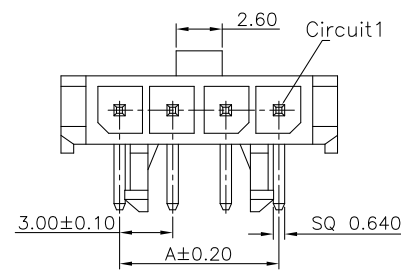
PIN Q'PY:
02~24

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*01	---	6.65	4.30	2*07	18.00	24.65	22.30
2*02	---	9.65	7.30	2*08	21.00	27.65	25.30
2*03	6.00	12.65	10.30	2*09	24.00	30.65	28.30
2*04	9.00	15.65	13.30	2*10	27.00	33.65	31.30
2*05	12.00	18.65	16.30	2*11	30.00	36.65	34.30
2*06	15.00	21.65	19.30	2*12	33.00	39.65	37.30



C3030W9-1XX1XX0

Pitch 3.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with C3030 series housing

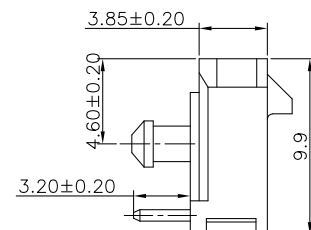
SERIES NO: C3030 W 9-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~24

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

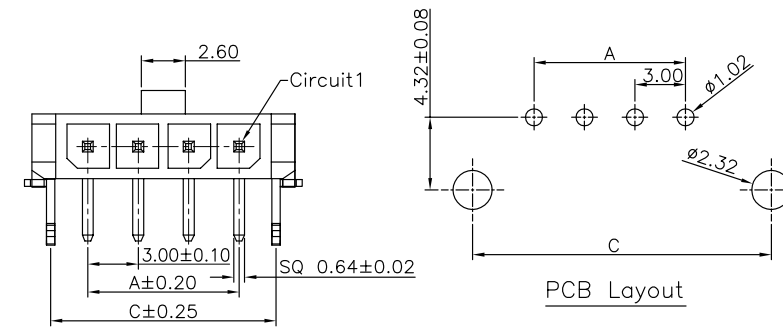
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
01	---	6.65	---	07	18.00	24.65	13.70
02	---	9.65	---	08	21.00	27.65	16.70
03	6.00	12.65	---	09	24.00	30.65	19.70
04	9.00	15.65	4.70	10	27.00	33.65	22.70
05	12.00	18.65	7.70	11	30.00	36.65	25.70
06	15.00	21.65	10.70	12	33.00	39.65	28.70



C3030W91-1XX1XX0

Pitch 3.00mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with C3030 series housing

SERIES NO: C3030 W 9 1-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW

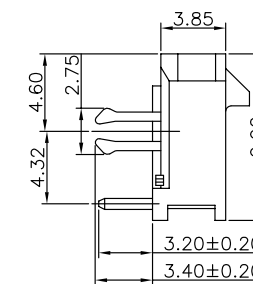
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

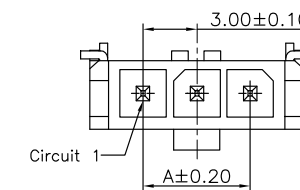
PIN Q'PY:
02~12

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
01	---	6.65	4.30	07	18.00	24.65	21.30
02	---	9.65	7.30	08	21.00	27.65	24.30
03	6.00	12.65	10.30	09	24.00	30.65	27.30
04	9.00	15.65	13.30	10	27.00	33.65	30.30
05	12.00	18.65	16.30	11	30.00	36.65	33.30
06	15.00	21.65	19.30	12	33.00	39.65	36.30



C3030W0-1XX1XX0

Pitch 3.00mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

Mates with C3030 series housing

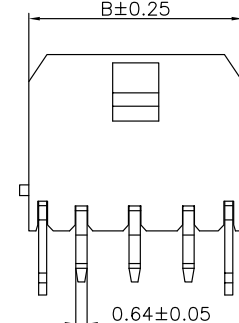
SERIES NO: C3030 W 0-1 XX 1 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE Tin

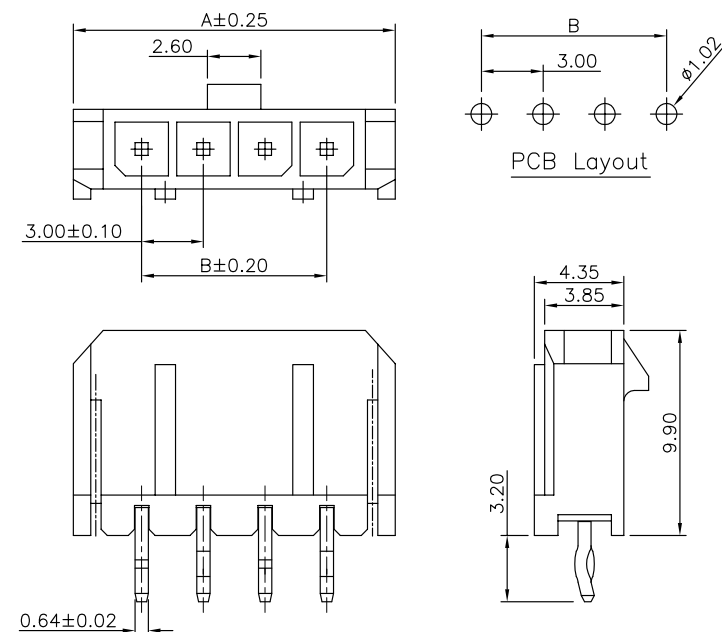
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	9.65	---	08	21.00	27.65	---
03	6.00	12.65	---	09	24.00	30.65	---
04	9.00	15.65	---	10	27.00	33.65	---
05	12.00	18.65	---	11	30.00	36.65	---
06	15.00	21.65	---	12	33.00	39.65	---
07	18.00	24.65	---				



C3030W01-1XX1XXX

Pitch 3.00mm 180° Single row DIP Wafer



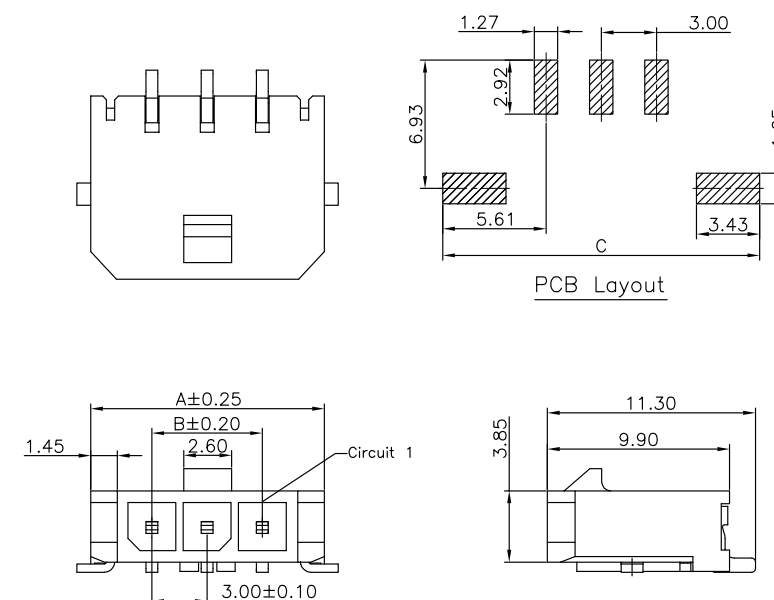
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass
PLATING SPECIFICATION:
Contacts:BRIGHT tin
Mates with C3030 series housing
C3030 W 0 1-1 XX 1 X X X
SERIES NO: HOUSING:
1-LCP
2-PBT
CONNECTOR: W-WAFER
COLOR:
A-BLACK
S-NATURE
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
02	9.65	---	08	27.65	21.00
03	12.65	6.00	09	30.65	24.00
04	15.65	9.00	10	33.65	27.00
05	18.65	12.00	11	36.65	30.00
06	21.65	15.00	12	39.65	33.00
07	24.65	18.00			

C3030W91-1XX2XX0

Pitch 3.00mm 90° Single row SMT Wafer



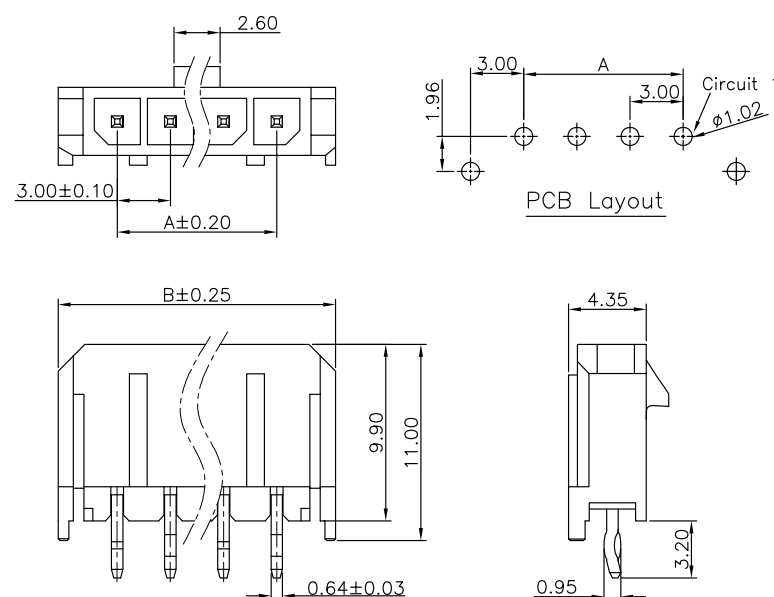
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass
PLATING SPECIFICATION:
Contacts:Matte tin
Mates with C3030 series housing
C3030 W 9 1-1 XX 2 X X 0
SERIES NO: HOUSING:
1-LCP
2-PBT
CONNECTOR: W-WAFER
COLOR:
A-BLACK
S-NATURE
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12
TERMIPOINT: 2-SMT

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	9.65	---	14.20	08	27.65	21.00	32.20
03	12.65	6.00	17.20	09	30.65	24.00	35.20
04	15.65	9.00	20.20	10	33.65	27.00	38.20
05	18.65	12.00	23.20	11	36.65	30.00	41.20
06	21.65	15.00	26.20	12	39.65	33.00	44.20
07	24.65	18.00	29.20				

C3030W02-1XX1XX0

Pitch 3.00mm 180° Single row DIP Wafer



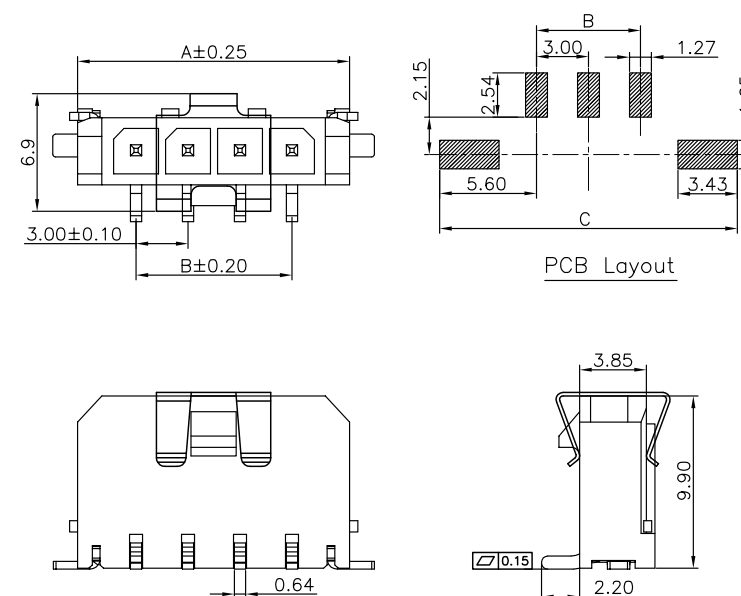
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass
PLATING SPECIFICATION:
Contacts:BRIGHT tin
Mates with C3030 series housing
C3030 W 0 2-1 XX 1 X X 0
SERIES NO: HOUSING:
1-LCP
2-PBT
CONNECTOR: W-WAFER
COLOR:
A-BLACK
S-NATURE
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
02	---	9.65	08	21.00	27.65
03	6.00	12.65	09	24.00	30.65
04	9.00	15.65	10	27.00	33.65
05	12.00	18.65	11	30.00	36.65
06	15.00	21.65	12	33.00	39.65
07	18.00	24.65			

C3030W0-1XX2XX0

Pitch 3.00mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass
PLATING SPECIFICATION:
Contacts:Matte tin
Mates with C3030 series housing
C3030 W 0-1 XX 2 X X 0
SERIES NO: HOUSING:
1-LCP
2-PBT
CONNECTOR: W-WAFER
COLOR:
A-BLACK
S-NATURE
ANGLE: 0-180°
TYPE: 1-SINGLE ROW
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~12
TERMIPOINT: 2-SMT

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	9.70	---	14.20	08	27.70	21.00	32.20
03	12.70	6.00	17.20	09	30.70	24.00	35.20
04	15.70	9.00	20.20	10	33.70	27.00	38.20
05	18.70	12.00	23.20	11	36.70	30.00	41.20
06	21.70	15.00	26.20	12	39.70	33.00	44.20
07	24.70	18.00	29.20				

C3030W9-1XX2XX0

Pitch 3.00mm 90° Single row SMT Wafer

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with C3030 series housing

SERIES NO: C3030 W 9-1 XX 2 X X 0

CONNECTOR:
W-WAFER

ANGLE:
9-90°
0-180°

ROW NO:
1-SINGLE ROW

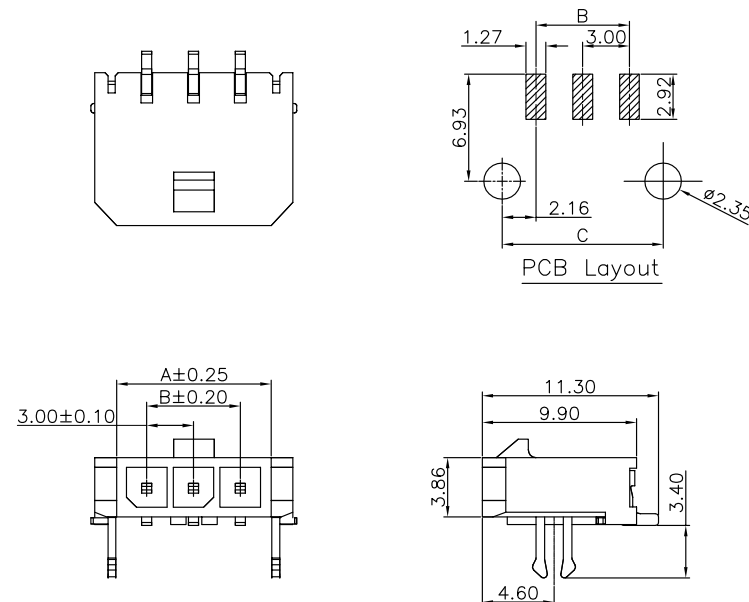
PIN Q'PY:
02~12

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
2-SMT

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	6.85	---	7.30	08	24.85	21.00	25.30
03	9.85	6.00	10.30	09	27.85	24.00	28.30
04	12.85	9.00	13.30	10	30.85	27.00	31.30
05	15.85	12.00	16.30	11	33.85	30.00	34.30
06	18.85	15.00	19.30	12	36.85	33.00	37.30
07	21.85	18.00	22.30				



C3030W03-2XX1XX0

Pitch 3.00mm 180° Double row DIP Wafer

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: High Conductivity Copper C1100

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with C3030 series housing

SERIES NO: C3030 W 0 3-2 XX 1 X X 0

CONNECTOR:
W-WAFER

ANGLE:
0-180°

TYPE:
3-TYPE 3

ROW NO:
2-DOUBLE ROW

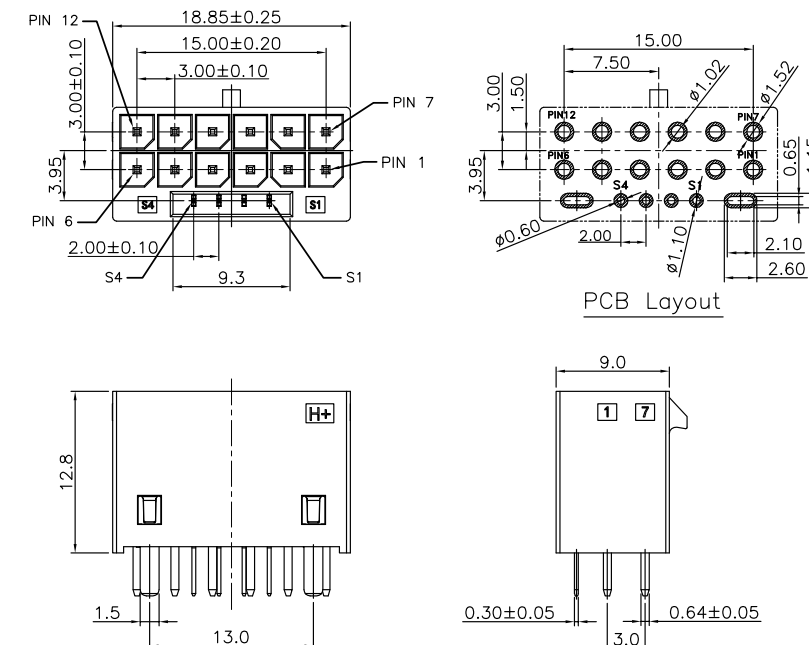
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

PIN Q'PY:
12PIN

PIN SIGNAL	PIN NO.
PWR	1~6
GND	7~12
S1	CARD_PWR_STABLE
S2	CARD_CBL_PRES#
S3	SENSE0
S4	DO NOT USF



C3030W01-1XX2XX0

Pitch 3.00mm 180° Single row SMT Wafer

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with C3030 series housing

SERIES NO: C3030 W 0 1-1 XX 2 X X 0

CONNECTOR:
W-WAFER

ANGLE:
0-180°

TYPE:
1-TYPE 1

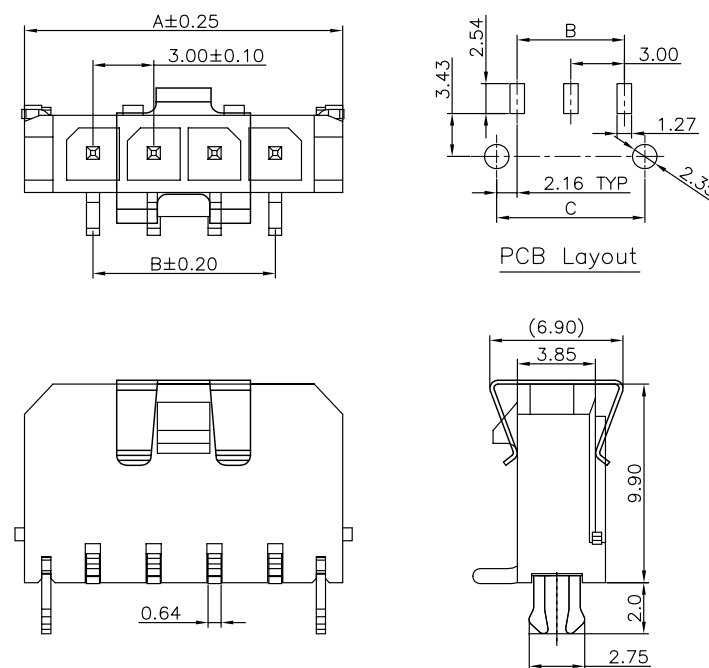
ROW NO:
1-SINGLE ROW

COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
2-SMT

Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
02	9.65	---	7.30	08	27.65	21.00	25.30
03	12.65	6.00	10.30	09	30.65	24.00	28.30
04	15.65	9.00	13.30	10	33.65	27.00	31.30
05	18.65	12.00	16.30	11	36.65	30.00	34.30
06	21.65	15.00	19.30	12	39.65	33.00	37.30
07	24.65	18.00	22.30				



C3030W93-2XX1XX0

Pitch 3.00mm 90° Double row DIP Wafer

Specifications

MATERIAL SPECIFICATION:
Housing: PA9T,94V-0
Contacts: High Conductivity Copper C1100

PLATING SPECIFICATION:
Contacts:Matte tin

Mates with C3030 series housing

SERIES NO: C3030 W 9 3-2 XX 1 X X 0

CONNECTOR:
W-WAFER

ANGLE:
9-90°

TYPE:
3-TYPE 3

ROW NO:
2-DOUBLE ROW

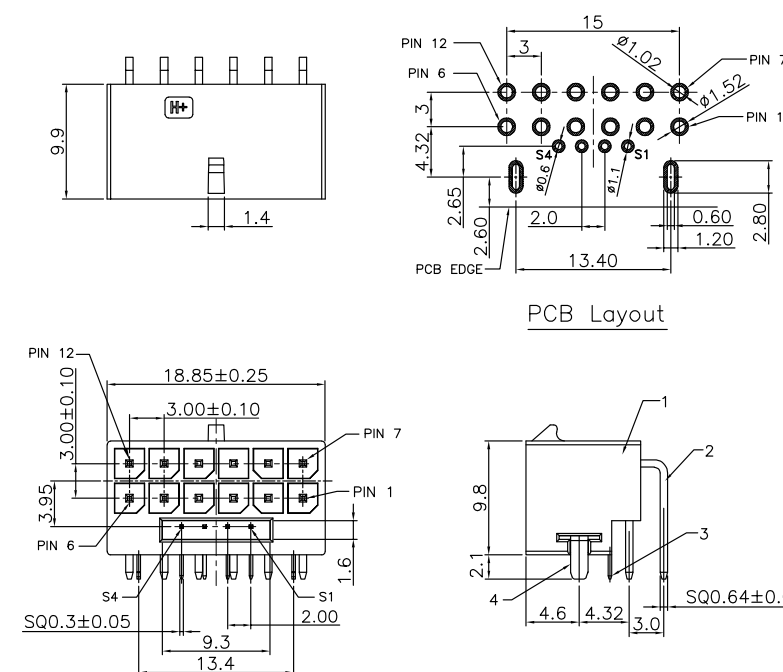
COLOR:
A-BLACK
S-NATURE

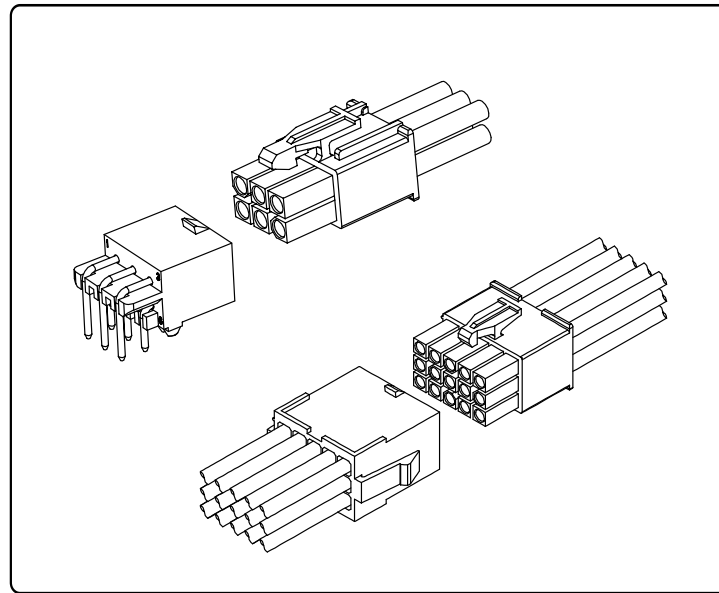
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

PIN Q'PY:
12PIN

PIN SIGNAL	PIN NO.
PWR PIN	1~6
GND PIN	7~12
S1	CARD_PWR_STABLE
S2	CARD_CBL_PRES#
S3	SENSE0
S4	DO NOT USF



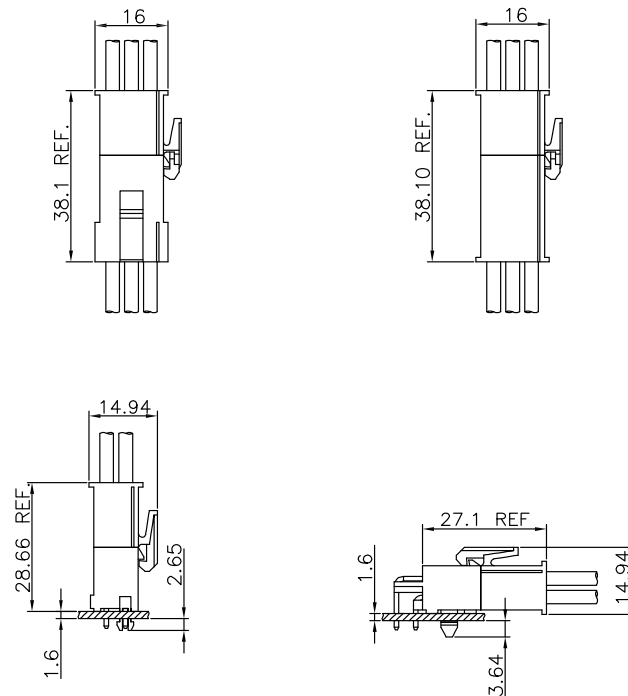


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 600V
Current rating: 7A
Contact resistance: 20mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

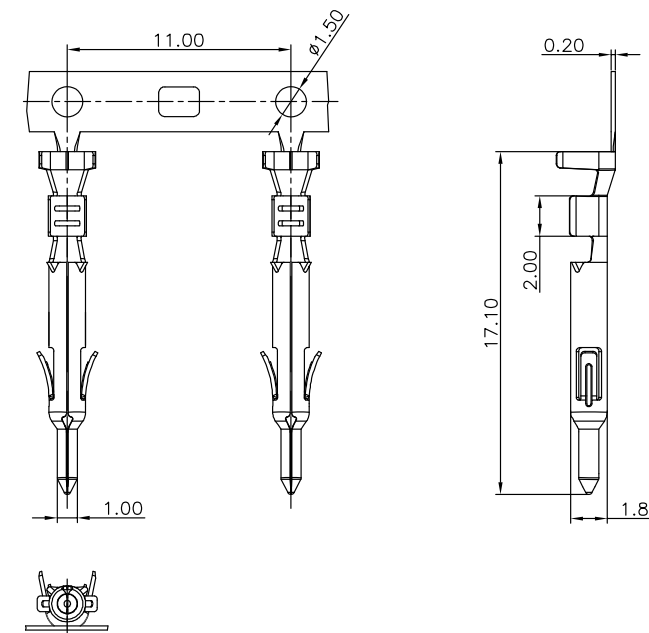
Assembly layout

wire to wire



C4140T1MX-X

Pitch 4.14mm Terminal

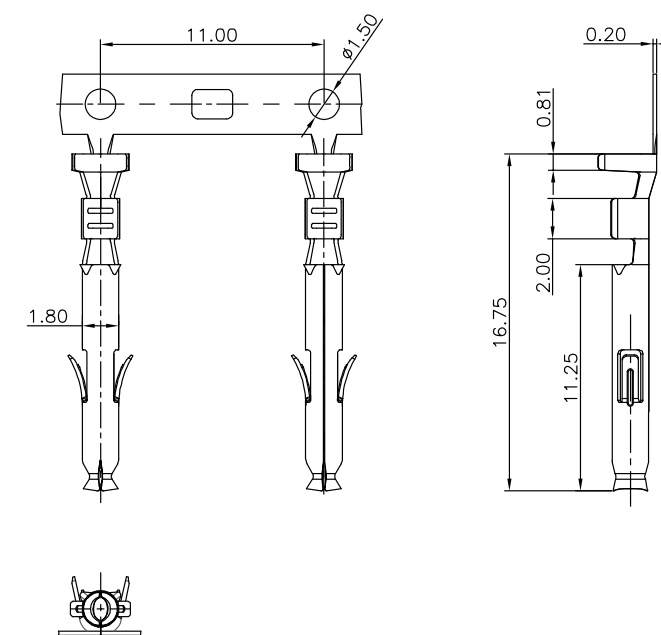


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#24
SUITABLE C4140 series Female housing
C4140 T 1 M X-X
SERIES NO: C4140 T 1 M X-X
CONNECTOR: T-TERMINAL
TYPE: 1-TYPE1
PLATING: C-BRIGHT TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
MALE FEMALE:
F-FEMALE
M-MALE

C4140T1FX-X

Pitch 4.14mm Terminal

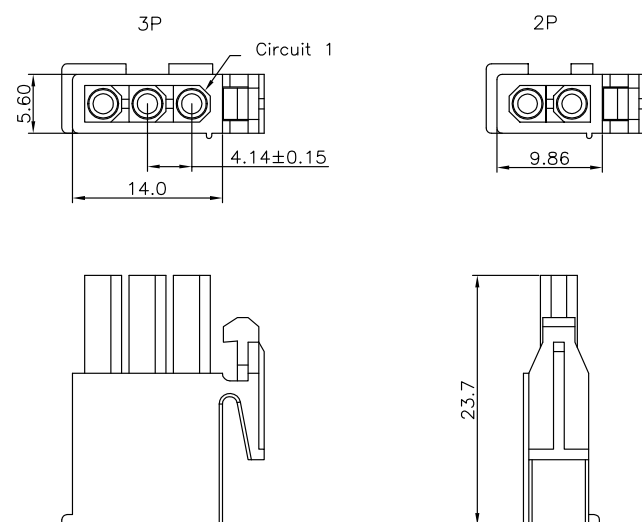


Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze
PLATING SPECIFICATION:
Bright tin
APPLICABLE WIRES: AWG #22-#24
SUITABLE C4140 series Male housing
C4140 T 1 F X-X
SERIES NO: C4140 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE: 1-TYPE1
PLATING: C-BRIGHT TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
MALE FEMALE:
F-FEMALE
M-MALE

C4140HM-1XXXX

Pitch 4.14mm Single row Housing



Specifications

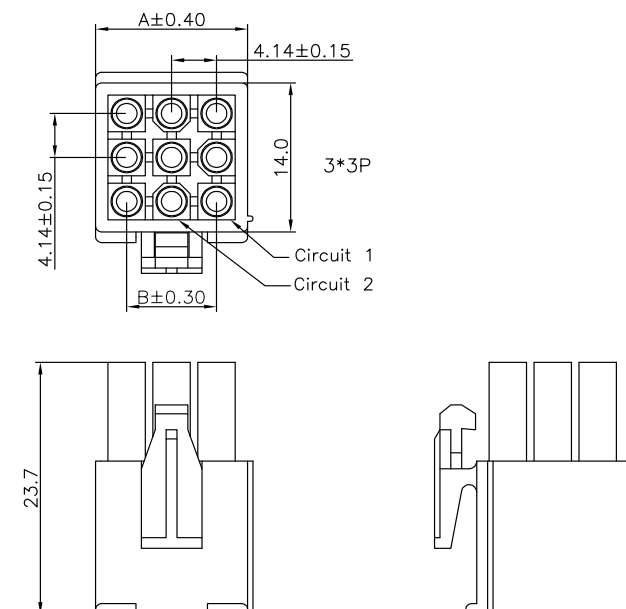
MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C4140 series Terminal
Mates With C4140 series Female housing
Mates With C4140 series Wafer

SERIES NO: C4140 H M-1 XX X X HOUSING: 0-UL94V-0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK S-NATURE
PIN Q' PY: 02~03

C4140HM-3XXXX

Pitch 4.14mm Three rows Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

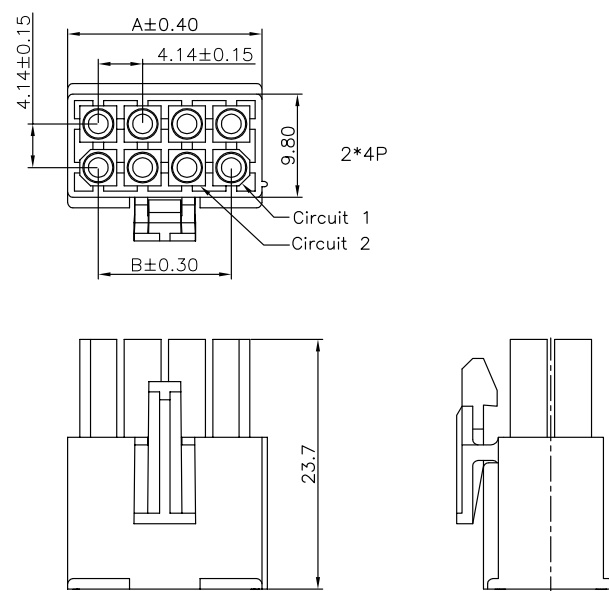
Suitable C4140 series Terminal
Mates With C4140 series Female housing
Mates With C4140 series Wafer

SERIES NO: C4140 H M-3 XX X X HOUSING: 0-UL94V-0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 3-THREE ROWS
COLOR: A-BLACK S-NATURE
PIN Q' PY: 09~15

Circuit	Dimension(mm)	
	A	B
3*03	14.00	8.28
3*04	18.14	12.42
3*05	22.28	16.56

C4140HM-2XXXX

Pitch 4.14mm Double row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

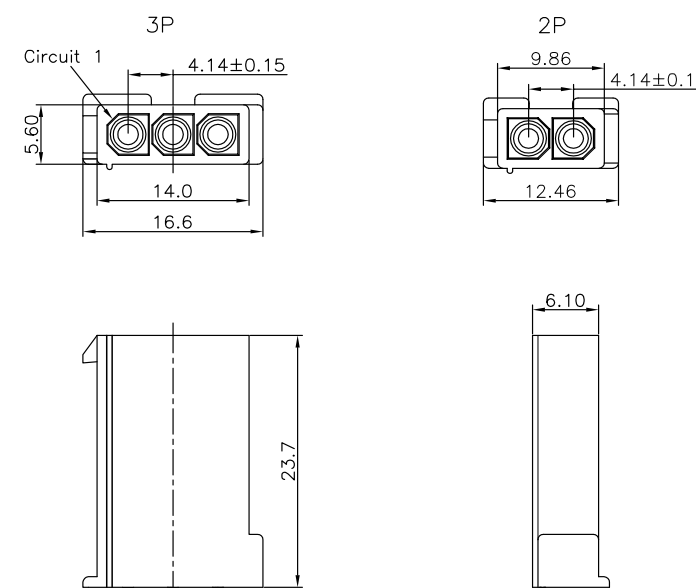
Suitable C4140 series Terminal
Mates With C4140 series Female housing
Mates With C4140 series Wafer

SERIES NO: C4140 H M-2 XX X X HOUSING: 0-UL94V-0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 2-DOUBLE ROW
COLOR: A-BLACK S-NATURE
PIN Q' PY: 04~24

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*02	9.80	---	2*08	34.80	28.98
2*03	14.00	8.28	2*09	38.94	33.12
2*04	18.14	12.42	2*10	43.20	37.26
2*05	22.28	16.56	2*11	47.32	41.40
2*06	26.42	20.70	2*12	51.50	45.54
2*07	30.56	24.84			

C4140HF-1XXXX

Pitch 4.14mm Single row Housing



Specifications

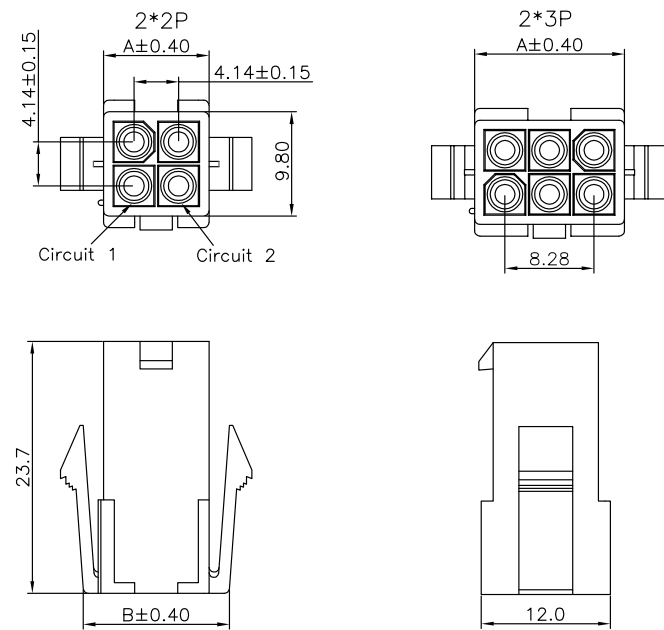
MATERIAL SPECIFICATION:
Housing: PA66,94V-0

Suitable C4140 series Terminal
Mates With C4140 series Male housing

SERIES NO: C4140 H F-1 XX X X HOUSING: 0-UL94V-0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK S-NATURE
PIN Q' PY: 02~03

C4140HF-2XXXX

Pitch 4.14mm Double row Housing



Specifications

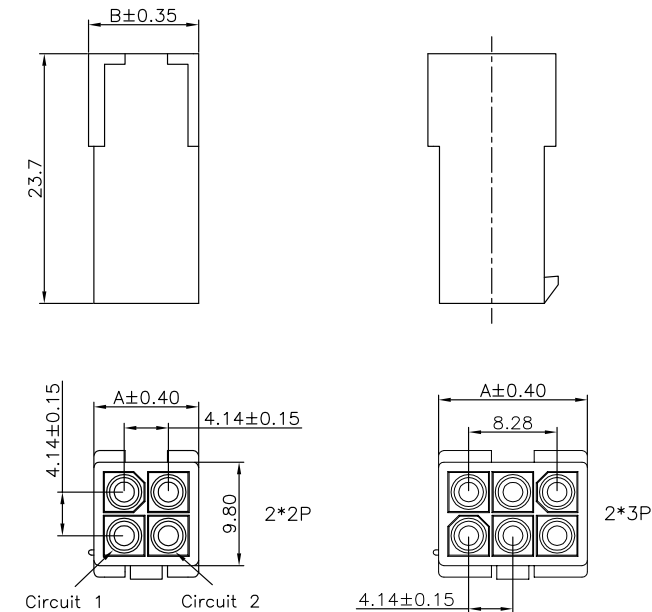
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable C4140 series Terminal
Mates With C4140 series Male housing

SERIES NO: C4140 H F-2 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ROW NO: 2-DOUBLE ROW
HOUSING: 0-UL94V-0
COLOR: A-BLACK S-NATURE
PIN Q'PY: 04~06

Circuit	Dimension(mm)	
	A	B
2*02	9.80	13.59
2*03	13.94	17.73

C4140H1F-2XXXX

Pitch 4.14mm Double row Housing



Specifications

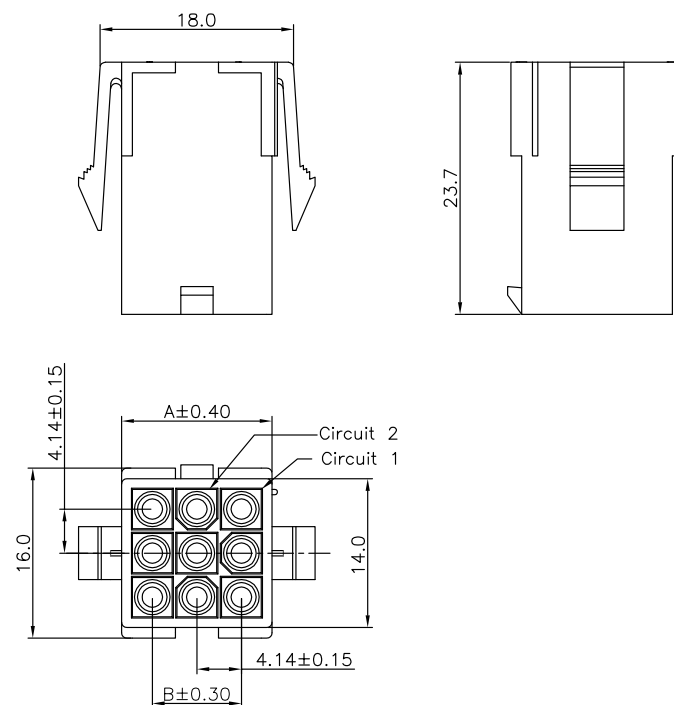
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable C4140 series Terminal
Mates With C4140 series Male housing

SERIES NO: C4140 H 1 F-2 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE:1
MALE FEMALE: F-FEMALE
ROW NO: 2-DOUBLE ROW
HOUSING: 0-UL94V-0
COLOR: A-BLACK S-NATURE
PIN Q'PY: 04~06

Circuit	Dimension(mm)	
	A	B
2*02	9.80	13.59
2*03	13.94	17.73

C4140HF-3XXXX

Pitch 4.14mm Three rows Housing



Specifications

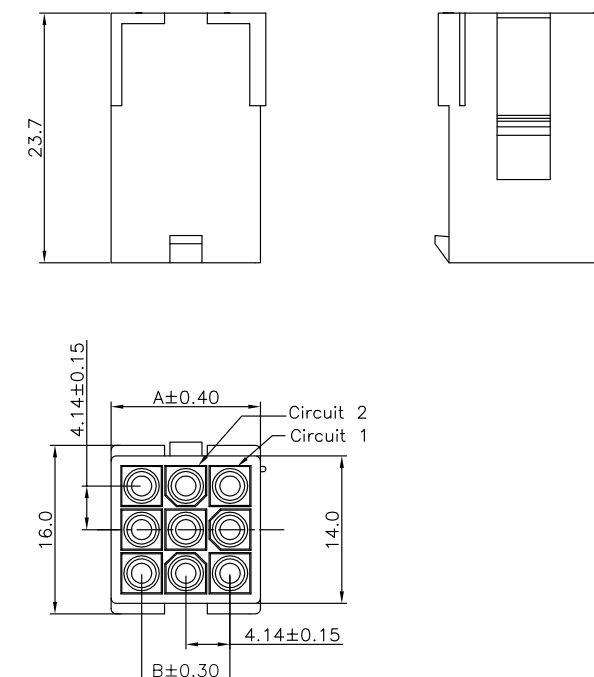
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable C4140 series Terminal
Mates With C4140 series Male housing

SERIES NO: C4140 H F-3 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
ROW NO: 3-THREE ROWS
HOUSING: 0-UL94V-0
COLOR: A-BLACK S-NATURE
PIN Q'PY: 09~15

Circuit	Dimension(mm)	
	A	B
3*03	14.00	8.28
3*04	18.14	12.42
3*05	22.28	16.56

C4140H1F-3XXXX

Pitch 4.14mm Three rows Housing



Specifications

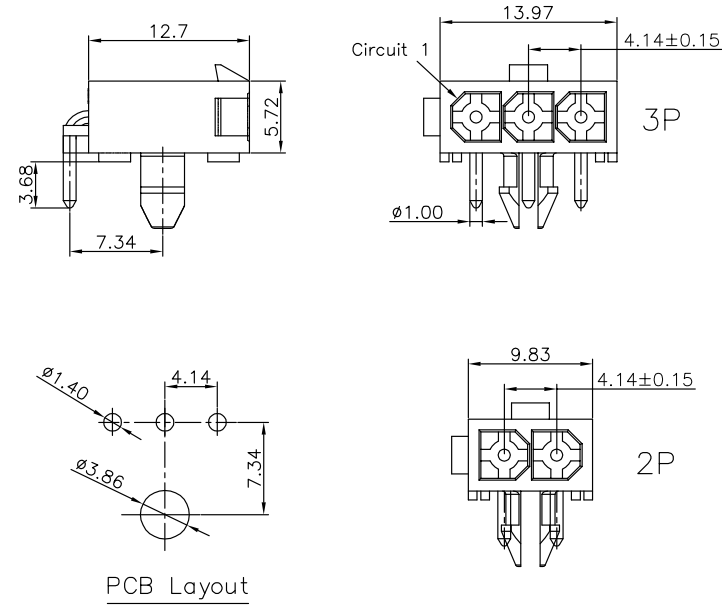
MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Suitable C4140 series Terminal
Mates With C4140 series Male housing

SERIES NO: C4140 H 1 F-3 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE:1
MALE FEMALE: F-FEMALE
ROW NO: 3-THREE ROWS
HOUSING: 0-UL94V-0
COLOR: A-BLACK S-NATURE
PIN Q'PY: 09~15

Circuit	Dimension(mm)	
	A	B
3*03	14.00	8.28
3*04	18.14	12.42
3*05	22.28	16.56

C4140W9-1XX1XXX

Pitch 4.14mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

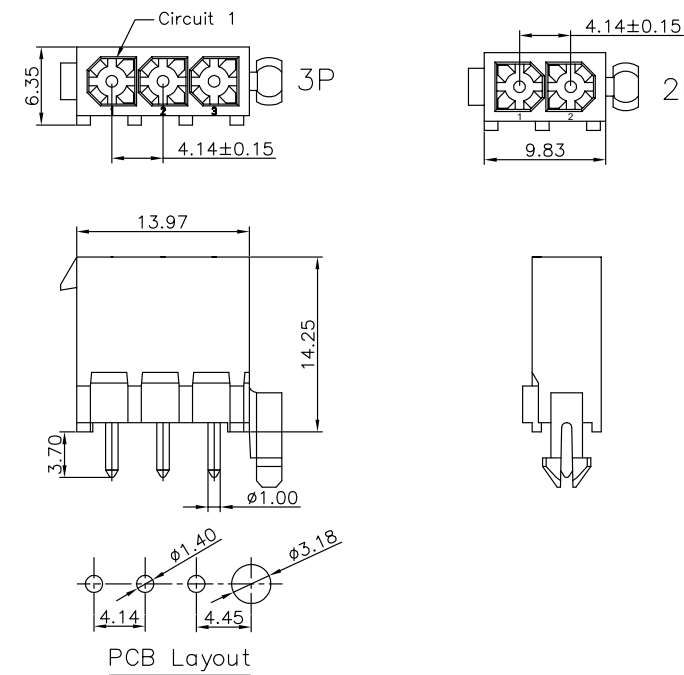
Mates with C4140 series Male housing

SERIES NO: C4140 W 9-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~03

HOUSING: 0-UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 1-DIP

C4140W0-1XX1XXX

Pitch 4.14mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

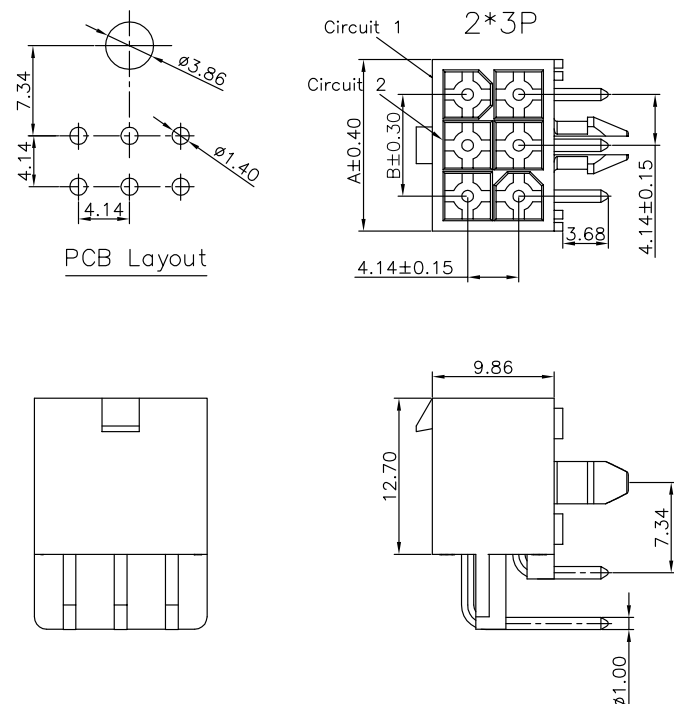
Mates with C4140 series Male housing

SERIES NO: C4140 W 0-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~03

HOUSING: 0-UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 1-DIP

C4140W9-2XX1XXX

Pitch 4.14mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4140 series Male housing

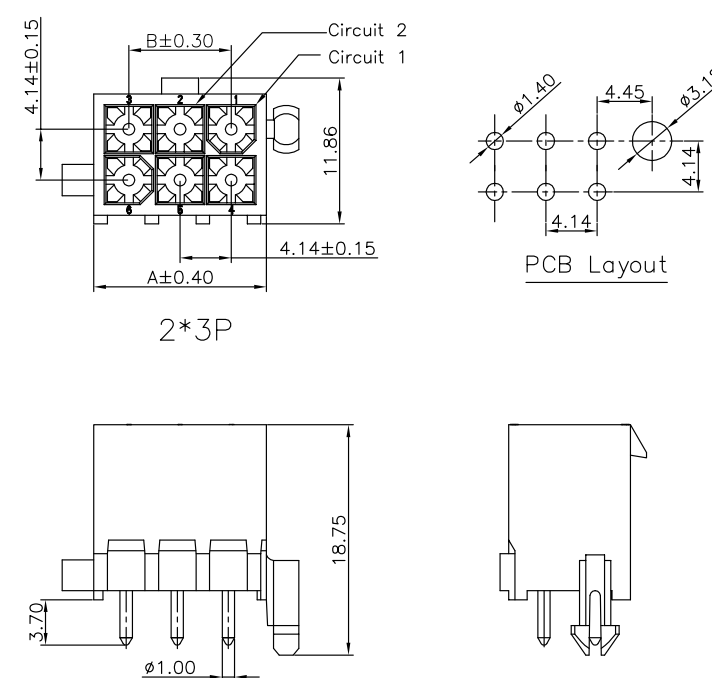
SERIES NO: C4140 W 9-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~24

HOUSING: 0-UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*02	9.80	---	2*08	34.80	28.98
2*03	14.00	8.28	2*09	38.94	33.12
2*04	18.14	12.42	2*10	43.20	37.26
2*05	22.28	16.56	2*11	47.32	41.40
2*06	26.42	20.70	2*12	51.50	45.54
2*07	30.56	24.84			

C4140W0-2XX1XXX

Pitch 4.14mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4140 series Male housing

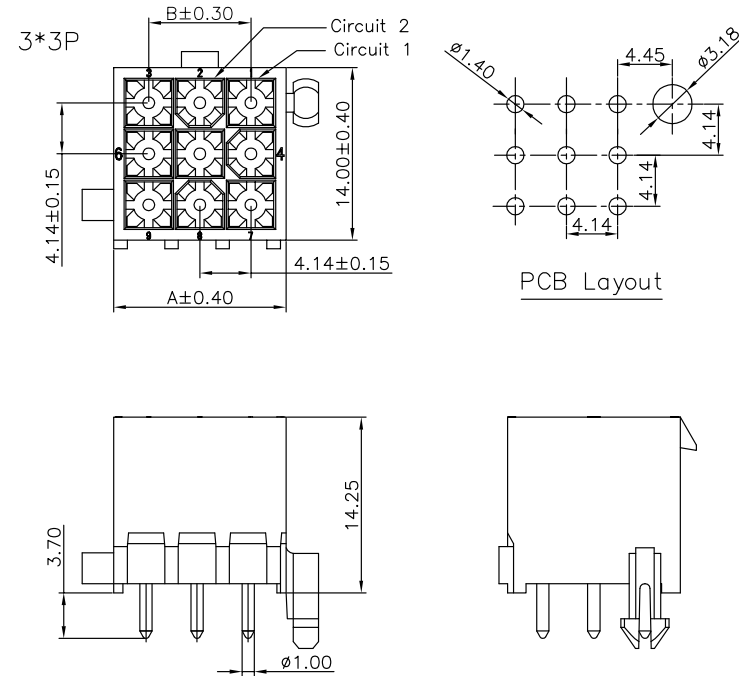
SERIES NO: C4140 W 0-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 04~24

HOUSING: 0-UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 1-DIP

Circuit	Dimension(mm)		Circuit	Dimension(mm)	
	A	B		A	B
2*02	9.80	---	2*08	34.80	28.98
2*03	14.00	8.28	2*09	38.94	33.12
2*04	18.14	12.42	2*10	43.20	37.26
2*05	22.28	16.56	2*11	47.32	41.40
2*06	26.42	20.70	2*12	51.50	45.54
2*07	30.56	24.84			

C4140W0-3XX1XXX

Pitch 4.14mm 180° Three rows DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4140 series Male housing

SERIES NO: C4140 W 0-3 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 3-THREE ROWS
PIN Q'PY: 09~15
HOUSING: 0-UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: C-BRIGHT TIN
TERMIPOINT: 1-DIP

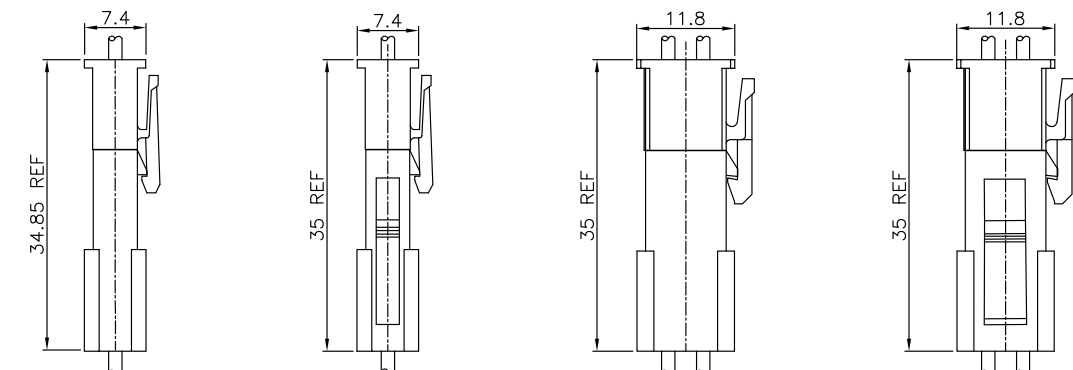
Circuit	Dimension(mm)	
	A	B
3*03	14.00	8.28
3*04	18.14	12.42
3*05	22.28	16.56

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 600V
Current rating: 9A
Contact resistance: 10mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 1500V AC

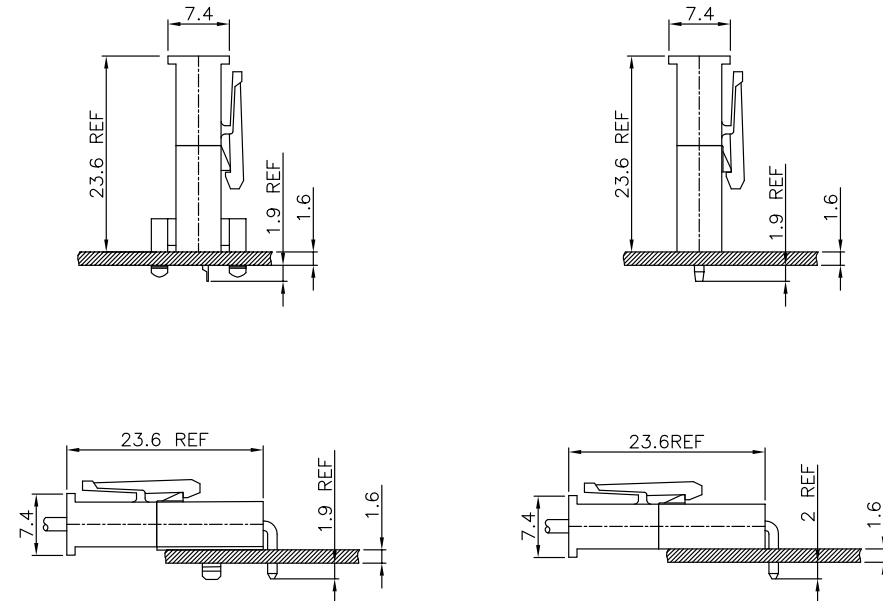
Assembly layout

wire to wire



Assembly layout

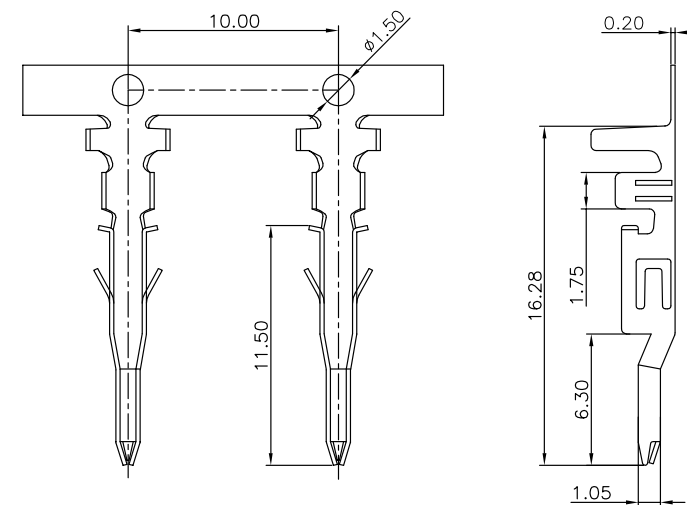
wire to board



Single row DIP Type

C4201TXMX-X

Pitch 4.20mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

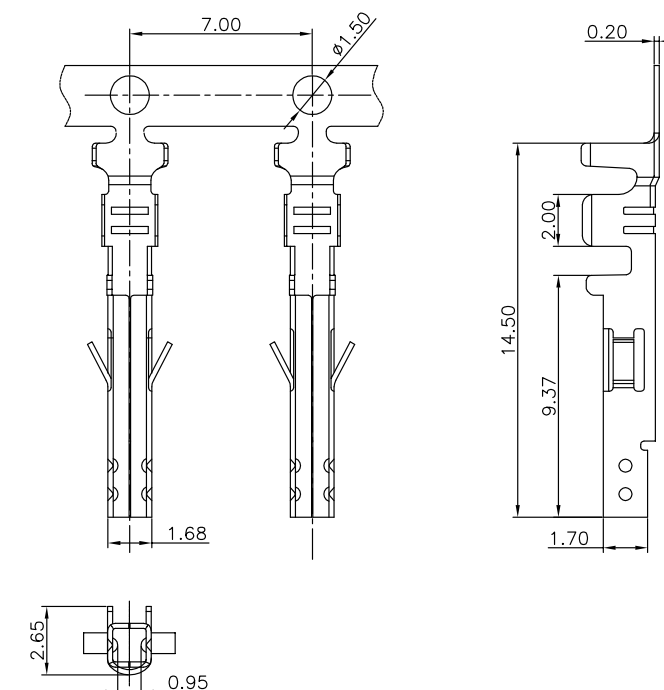
APPLICABLE WIRES: Normal(AWG #18-#24)
High(AWG #16-#22)

SUITABLE C4201 series Female housing

C4201 T X M X-X
SERIES NO: T X M X-X
CONNECTOR: T-TERMINAL
TYPE CODE: 1-NORMAL
2-HIGH
MALE FEMALE: M-MALE
PLATING: 1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
H-HIGH CONDUCTIVITY COPPER

C4201T1FX-X

Pitch 4.20mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

PLATING SPECIFICATION:
Bright tin

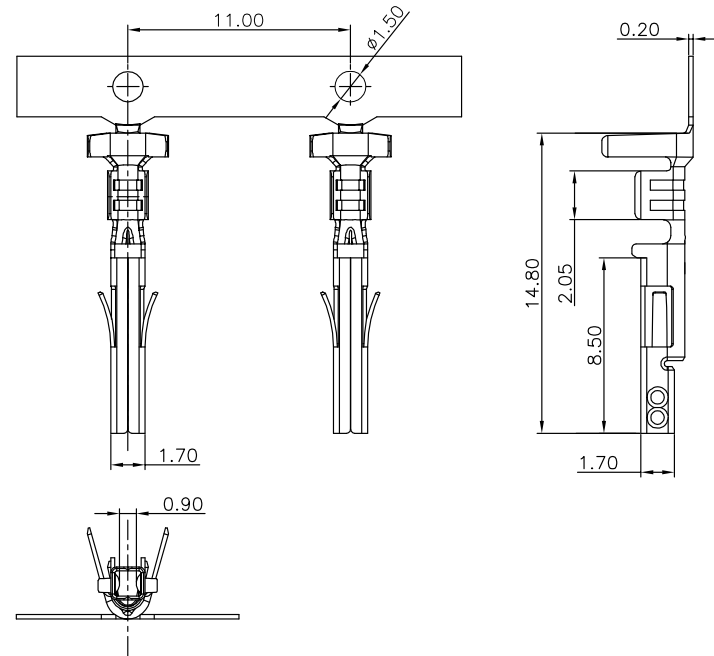
APPLICABLE WIRES: AWG #18-#22

SUITABLE C4201 series Male housing

C4201 T 1 F X-X
SERIES NO: T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE: 1
MALE FEMALE: F-FEMALE
M-MALE
PLATING: 1-G/F
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL: P-PHOSPHOR BRONZE
B-BRASS
H-HIGH CONDUCTIVITY COPPER

C4201T2FX-X

Pitch 4.20mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

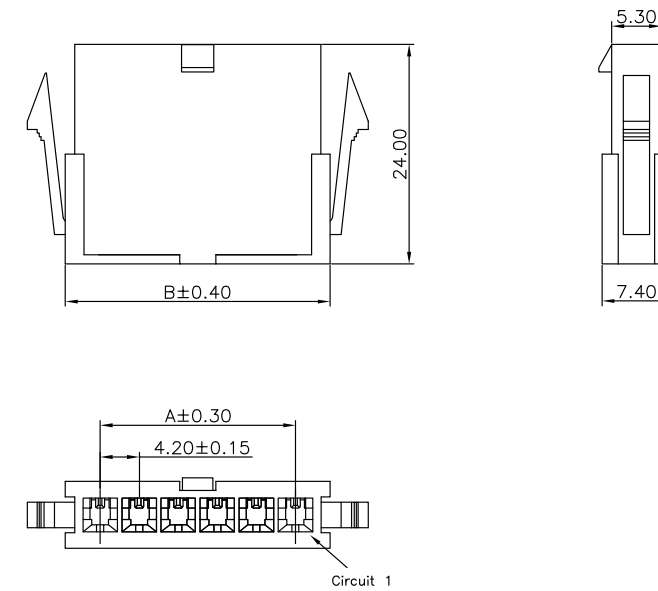
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#20
SUITABLE C4201 series Male housing

SERIES NO: C4201 T 2 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE:2
MALE FEMALE: F-FEMALE M-MALE
PLATING: 1-G/F A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS H-HIGH CONDUCTIVITY COPPER

C4201H1F-1XXXX

Pitch 4.20mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2

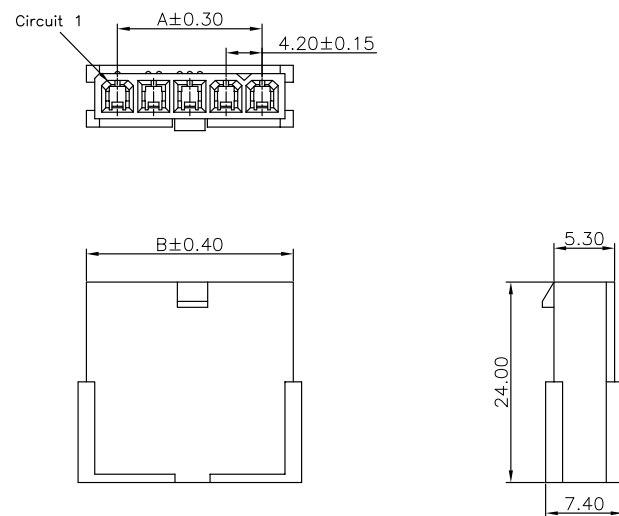
Suitable C4201 series Male Terminal
Mates With C4201 series Male housing

SERIES NO: C4201 H 1 F-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE
MALE FEMALE: F-FEMALE
WATER CODE: 0-UL94V-0 2-UL94V-2
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~06

Circuit	Dimensions (mm)	
	A	B
02	4.20	9.70
03	8.40	13.90
04	12.60	18.10
05	16.80	22.30
06	21.00	26.50

C4201HF-1XXXX

Pitch 4.20mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2

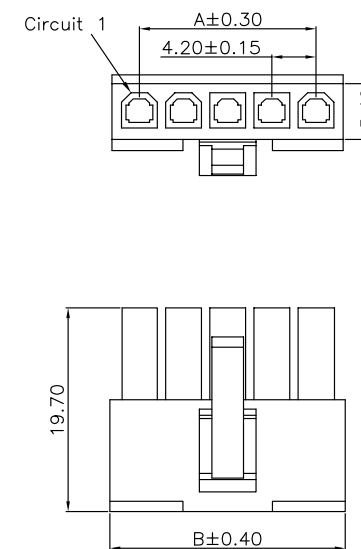
Suitable C4201 series Male Terminal
Mates With C4201 series Male housing

SERIES NO: C4201 H F-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: F-FEMALE
WATER CODE: 0-UL94V-0 2-UL94V-2 3-UL94V-0+HF
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~24

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
02	---	9.80	08	29.40	35.00
03	8.40	14.00	09	33.60	39.20
04	12.60	18.20	10	37.80	43.40
05	16.80	22.40	11	42.00	47.60
06	21.00	26.60	12	46.20	51.80
07	25.20	30.80			

C4201HM-1XXXX

Pitch 4.20mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2

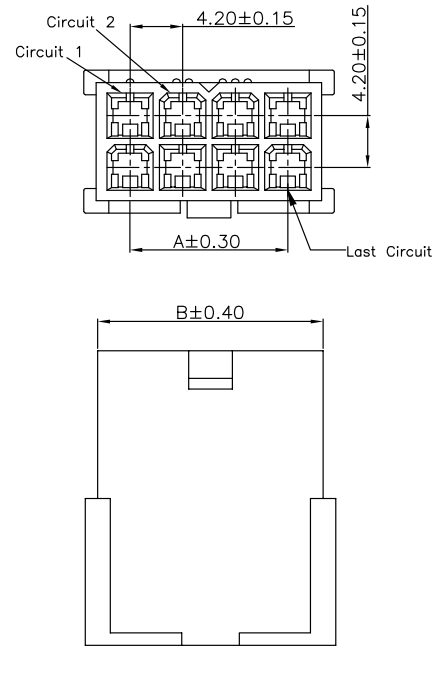
Suitable C4201 series Female Terminal
Mates With C4201 series Female housing
Mates With C4201 series Wafer

SERIES NO: C4201 H M-1 XX X X
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
WATER CODE: 0-UL94V-0 2-UL94V-2 3-UL94V-0+HF
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~06

Circuit	Dimensions (mm)		
	A	B	C
02	---	9.60	7.50
03	8.40	13.80	11.60
04	12.60	18.00	15.80
05	16.80	22.20	20.20
06	21.00	26.60	24.10

C4201HF-2XXXX

Pitch 4.20mm Double row Housing



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0/94V-2

Suitable C4201 series Male Terminal

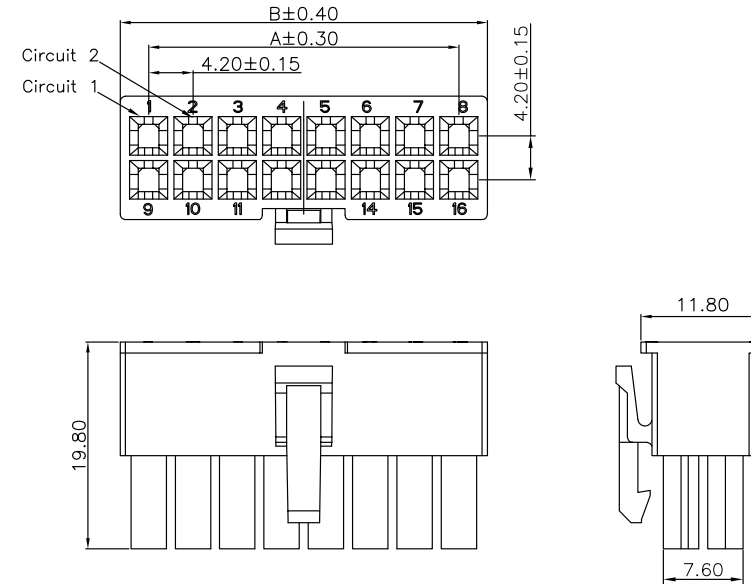
Mates With C4201 series Male housing

SERIES NO: C4201 H F-2 XX X X
 CONNECTOR: H-HOUSING
 MALE FEMALE: F-FEMALE
 ROW NO: 2-DOUBLE ROW
 WATER CODE: 0-UL94V-0, 2-UL94V-2, 3-UL94V-0+HF
 COLOR: A-BLACK, S-NATURE
 PIN Q'PY: 02~24

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201HM-2XXXX

Pitch 4.20mm Double row Housing



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0/94V-2

Suitable C4201 series Female Terminal

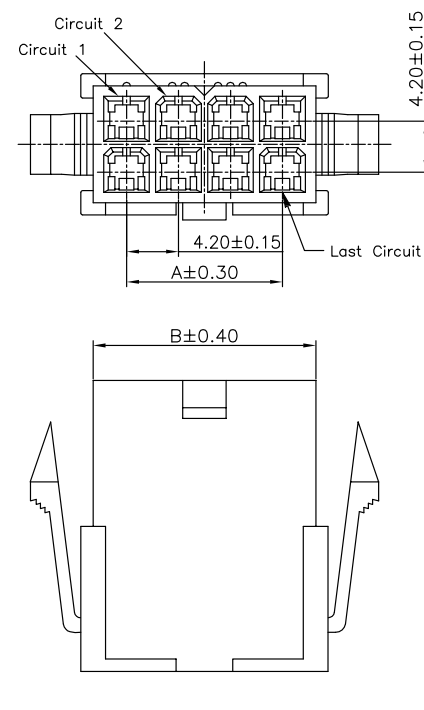
Mates With C4201 series Female housing
 Mates With C4201 series Wafer

SERIES NO: C4201 H M-2 XX X X
 CONNECTOR: H-HOUSING
 MALE FEMALE: M-MALE
 ROW NO: 2-DOUBLE ROW
 WATER CODE: 0-UL94V-0, 2-UL94V-2, 3-UL94V-0+HF
 COLOR: A-BLACK, S-NATURE
 PIN Q'PY: 02~24

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*01	---	5.70	---	2*07	25.20	30.60	28.55
2*02	---	9.90	7.55	2*08	29.40	34.80	32.75
2*03	8.40	13.80	11.75	2*09	33.60	39.00	36.95
2*04	12.60	18.00	15.95	2*10	37.80	43.20	41.15
2*05	16.80	22.20	20.15	2*11	42.00	47.40	45.35
2*06	21.00	26.40	24.35	2*12	46.20	51.60	49.55

C4201H1F-2XXXX

Pitch 4.20mm Double row Housing



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0/94V-2

Suitable C4201 series Male Terminal

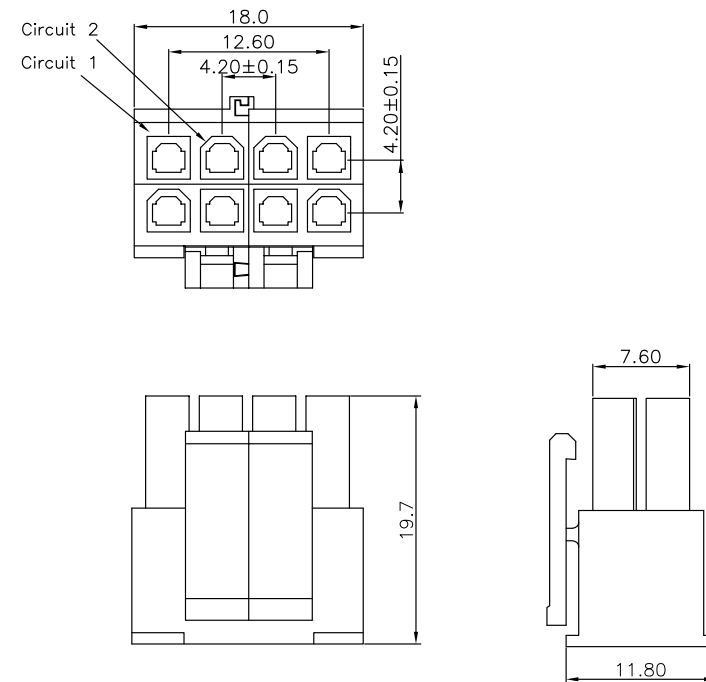
Mates With C4201 series Male housing

SERIES NO: C4201 H 1 F-2 XX X X
 CONNECTOR: H-HOUSING
 MALE FEMALE: F-FEMALE
 ROW NO: 2-DOUBLE ROW
 1-TYPE CODE
 WATER CODE: 0-UL94V-0, 2-UL94V-2, 3-UL94V-0+HF
 COLOR: A-BLACK, S-NATURE
 PIN Q'PY: 02~24

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201H2M-2XXXX

Pitch 4.20mm Double row Housing



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0/94V-2

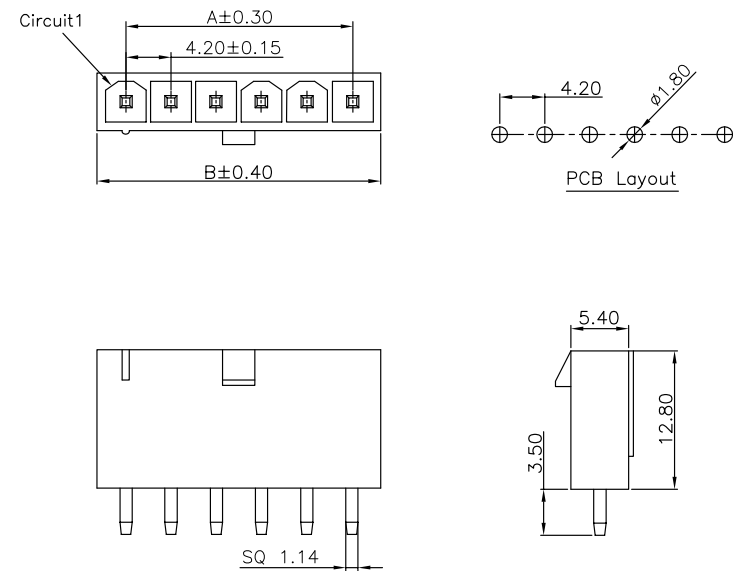
Suitable C4201 series Female Terminal

Mates With C4201 series Wafer

SERIES NO: C4201 H 2 M-2 XX X X
 CONNECTOR: H-HOUSING
 MALE FEMALE: M-MALE
 ROW NO: 2-DOUBLE ROW
 2-TYPE CODE
 HOUSING: 1-UL94V-0, 2-UL94V-2
 COLOR: A-BLACK, S-NATURE
 PIN Q'PY: 04~04

C4201W01-1XX1XXX

Pitch 4.20mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

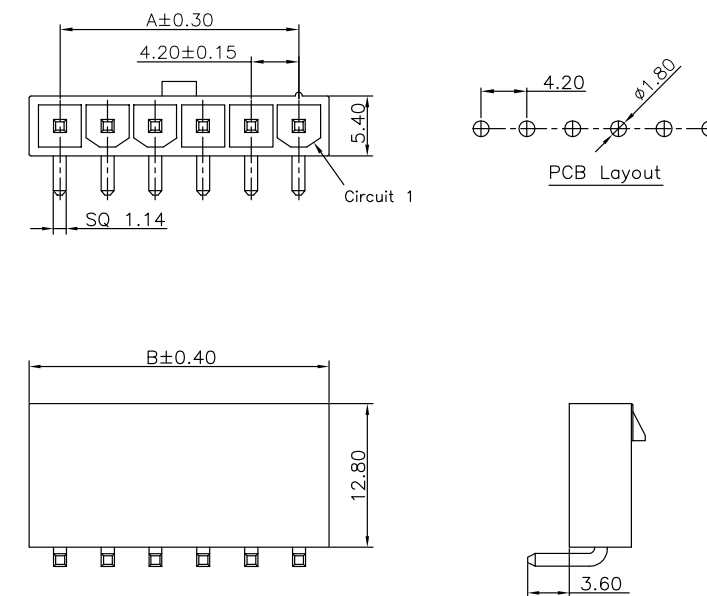
Mates with C4201 series Male housing

SERIES NO: C4201 W 0 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~06
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)	
	A	B
02	---	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

C4201W91-1XX1XXX

Pitch 4.20mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

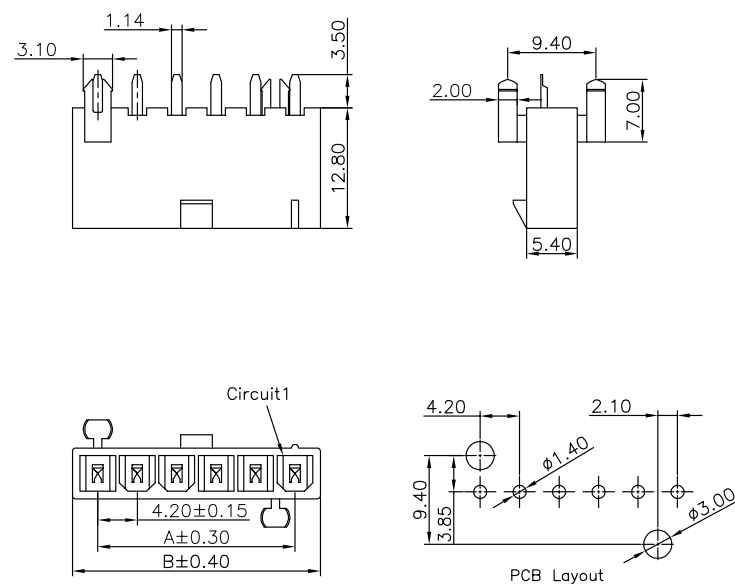
Mates with C4201 series Male housing

SERIES NO: C4201 W 9 1-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~06
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)	
	A	B
02	---	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

C4201W02-1XX1XXX

Pitch 4.20mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

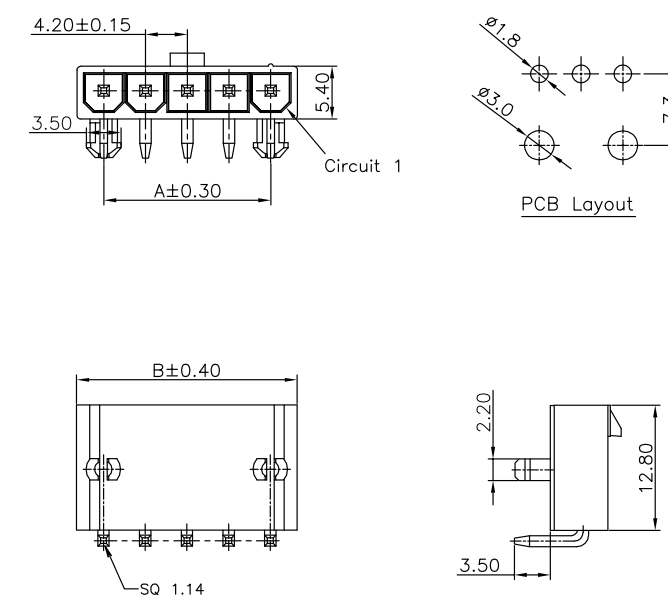
Mates with C4201 series Male housing

SERIES NO: C4201 W 0 2-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
PIN Q' PY: 03~06
WATER CODE: 0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)	
	A	B
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

C4201W92-1XX1XXX

Pitch 4.20mm 90° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts:Bright tin

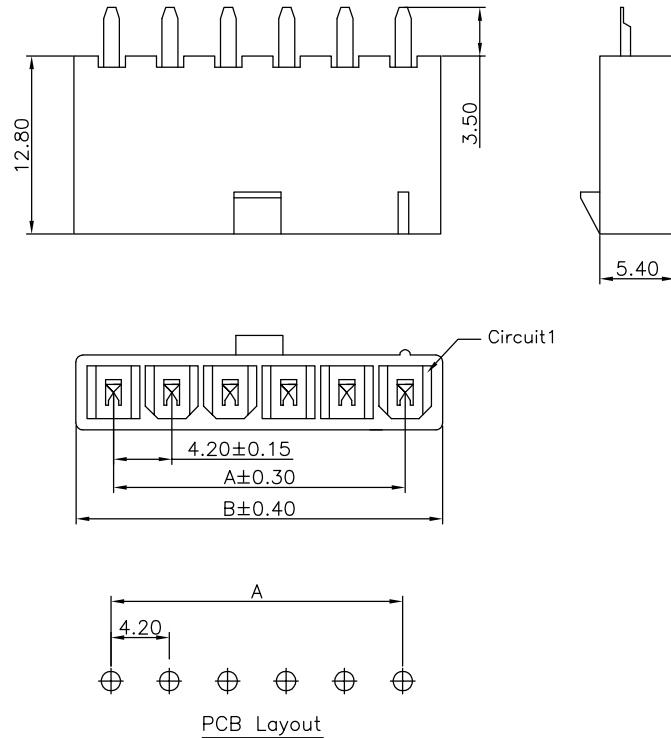
Mates with C4201 series Male housing

SERIES NO: C4201 W 9 2-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 2-TYPE 2
ROW NO: 1-SINGLE ROW
PIN Q' PY: 02~06
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions (mm)	
	A	B
02	---	9.90
03	8.40	14.10
04	12.60	18.30
05	16.80	22.50

C4201W03-1XX1XXX

Pitch 4.20mm 180° Single row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 3-1 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 3-TYPE 3
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~06

HOUSING:
0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0(HF)

COLOR:
S-NATURE

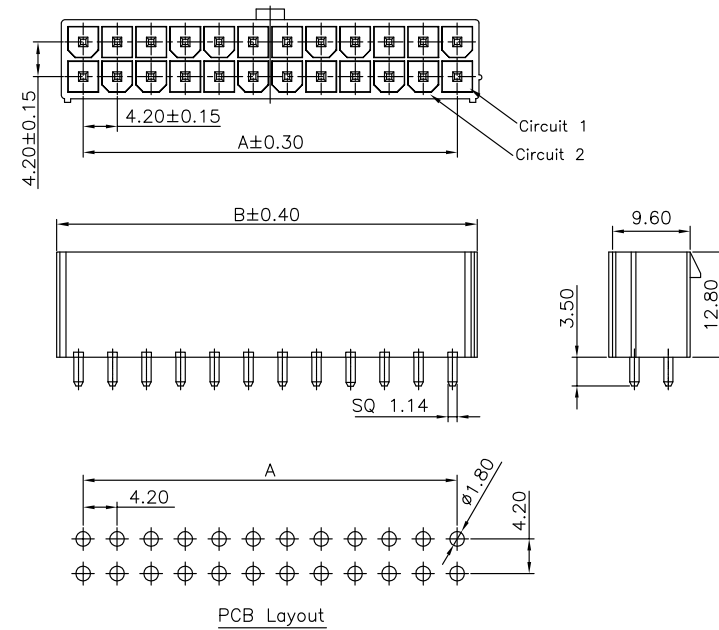
PLATING:
C-BRIGHT TIN

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)	
	A	B
02	4.20	9.60
03	8.40	13.80
04	12.60	18.00
05	16.80	22.20
06	21.00	26.40

C4201W01-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 1-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

HOUSING:
0-UL94V-0
2-UL94V-2

COLOR:
A-BLACK
S-NATURE

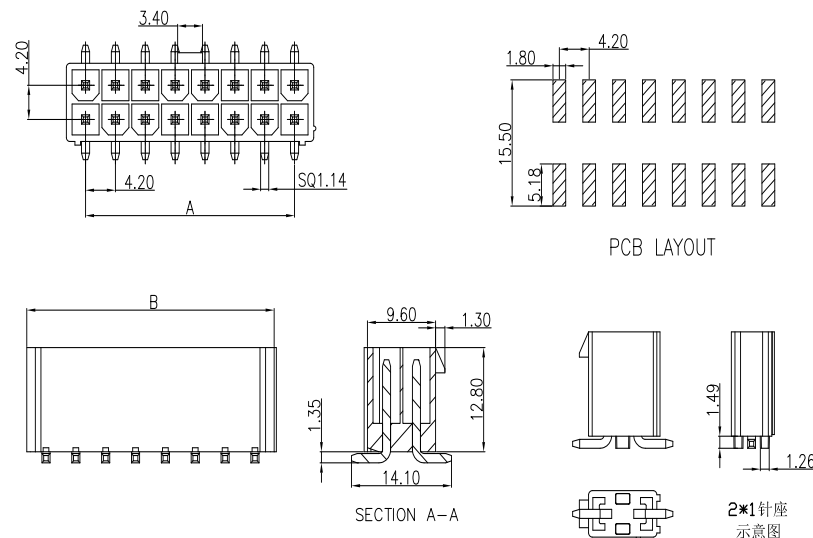
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.40	2*07	25.20	30.60
2*02	---	9.60	2*08	29.40	34.80
2*03	8.40	13.80	2*09	33.60	39.00
2*04	12.60	18.00	2*10	37.80	43.20
2*05	16.80	22.20	2*11	42.00	47.40
2*06	21.00	26.40	2*12	46.20	51.60

C4201W0-2XX2XX0

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP UL94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0-2 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

HOUSING:
0-UL94V-0

COLOR:
A-BLACK
S-NATURE

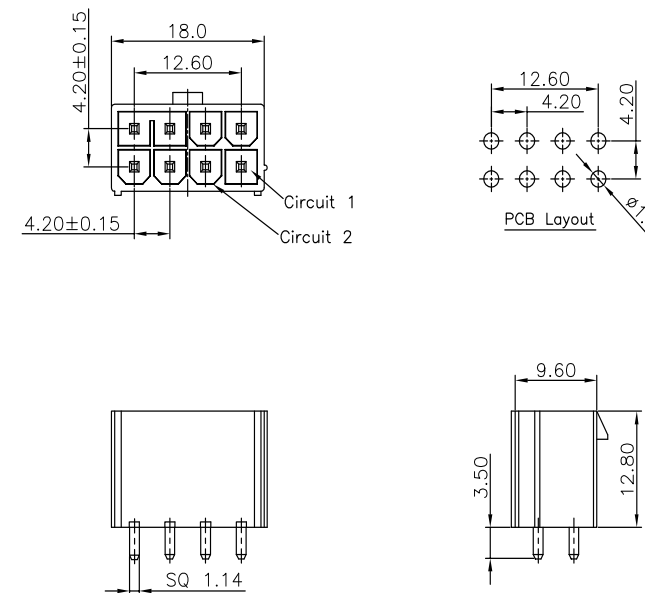
PLATING:
C-BRIGHT TIN

TERMIPOINT:
2-SMT

Circuit	Dimensions (mm)		Circuit	Dimensions (mm)	
	A	B		A	B
1*2	---	5.70	2*7	25.20	30.90
2*2	4.20	9.90	2*8	29.40	35.10
2*3	8.40	14.10	2*9	33.60	39.30
2*4	12.60	18.30	2*10	37.80	43.50
2*5	16.80	22.50	2*11	42.00	47.70
2*6	21.00	26.70	2*12	46.20	51.90

C4201W02-2081XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 2-2 08 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 2-TYPE 2
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08 PIN

HOUSING:
0-UL94V-0
2-UL94V-2

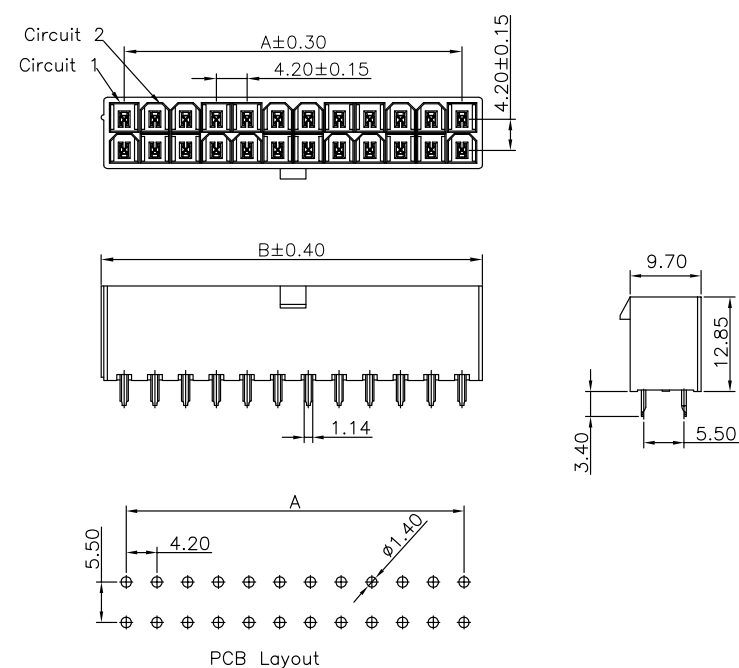
COLOR:
A-BLACK
S-NATURE

PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT:
1-DIP

C4201W03-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 3-2 XX 1 X X X

CONNECTOR: W-WAFER

ANGLE: 0-180°

TYPE: 3-TYPE 3

ROW NO: 2-DOUBLE ROW

PIN Q' PY: 02~24

HOUSING: 0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0

COLOR: A-BLACK
S-NATURE

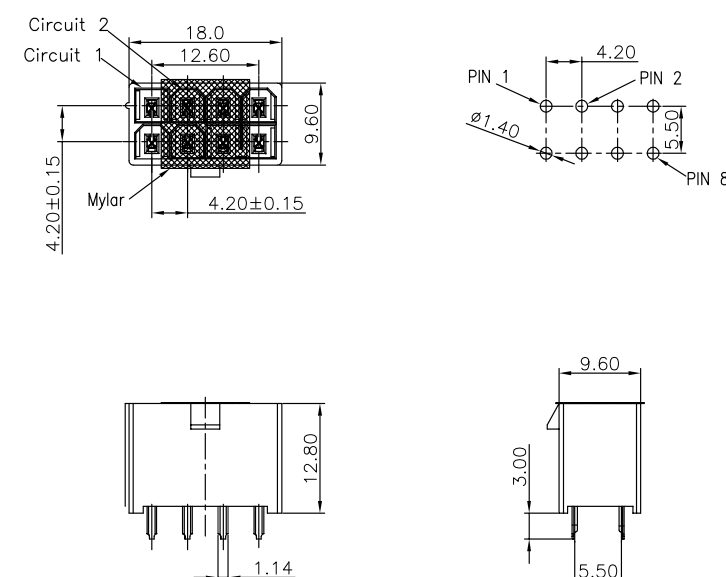
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201W04-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 4-2 XX 1 X X X

CONNECTOR: W-WAFER

ANGLE: 0-180°

TYPE: 4-TYPE 4

ROW NO: 2-DOUBLE ROW

PIN Q' PY: 02~24

HOUSING: 0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0

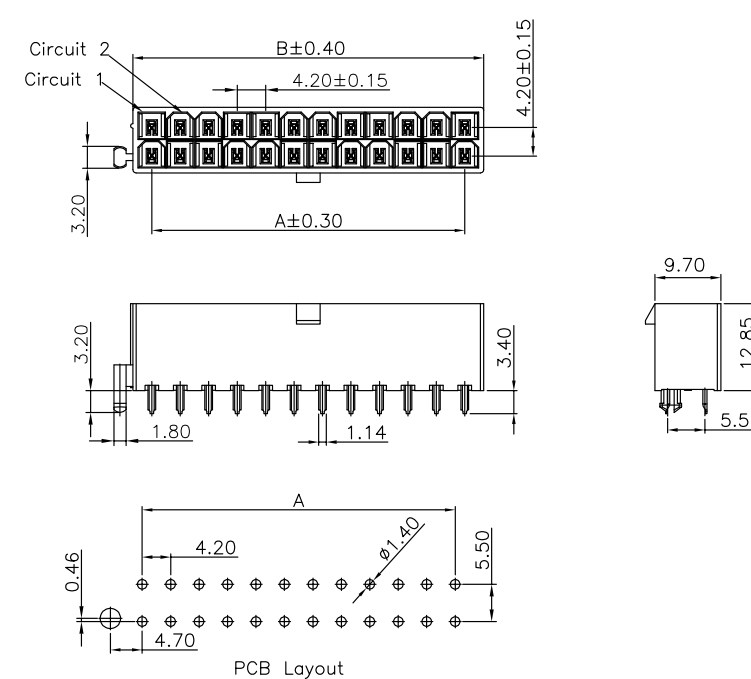
COLOR: A-BLACK
S-NATURE

PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT: 1-DIP

C4201W05-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 5-2 XX 1 X X X

CONNECTOR: W-WAFER

ANGLE: 0-180°

TYPE: 5-TYPE 5

ROW NO: 2-DOUBLE ROW

PIN Q' PY: 02~24

HOUSING: 0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0

COLOR: A-BLACK
S-NATURE

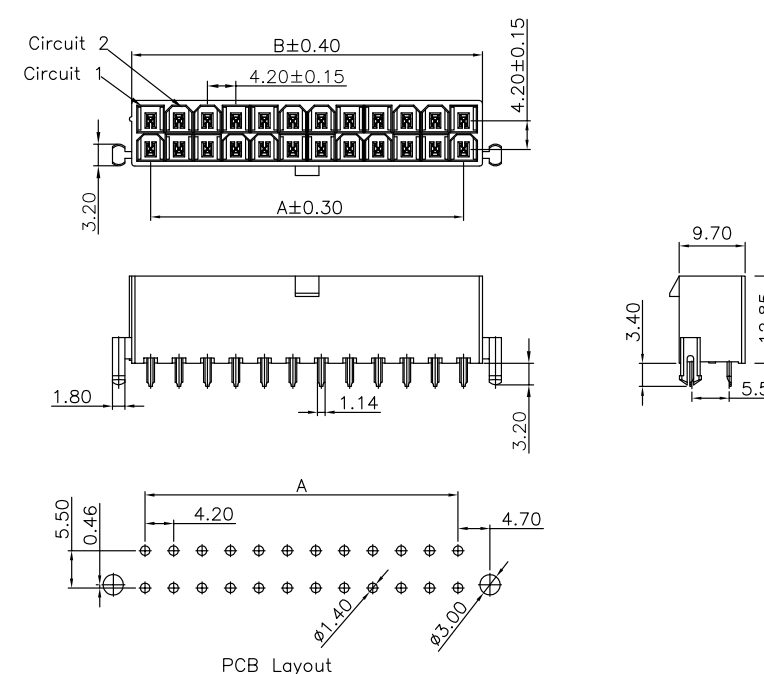
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201W06-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 0 6-2 XX 1 X X X

CONNECTOR: W-WAFER

ANGLE: 0-180°

TYPE: 6-TYPE 6

ROW NO: 2-DOUBLE ROW

PIN Q' PY: 02~24

HOUSING: 0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0

COLOR: A-BLACK
S-NATURE

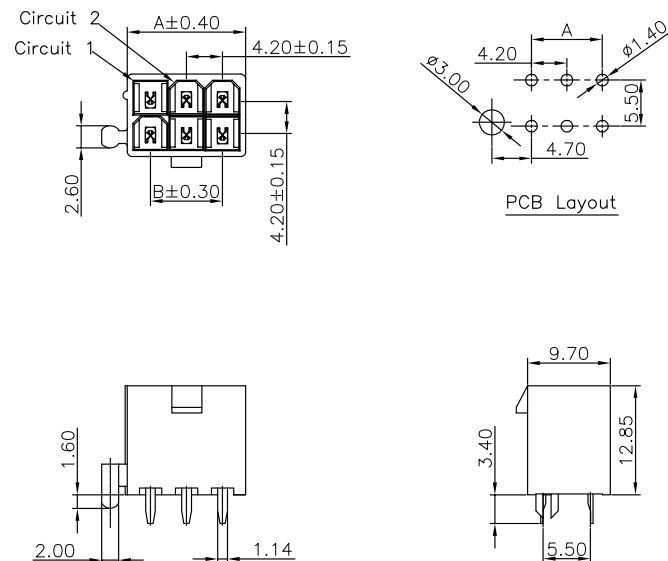
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin

TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201W07-2XX1XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66/LCP,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

Mates with C4201 series Male housing

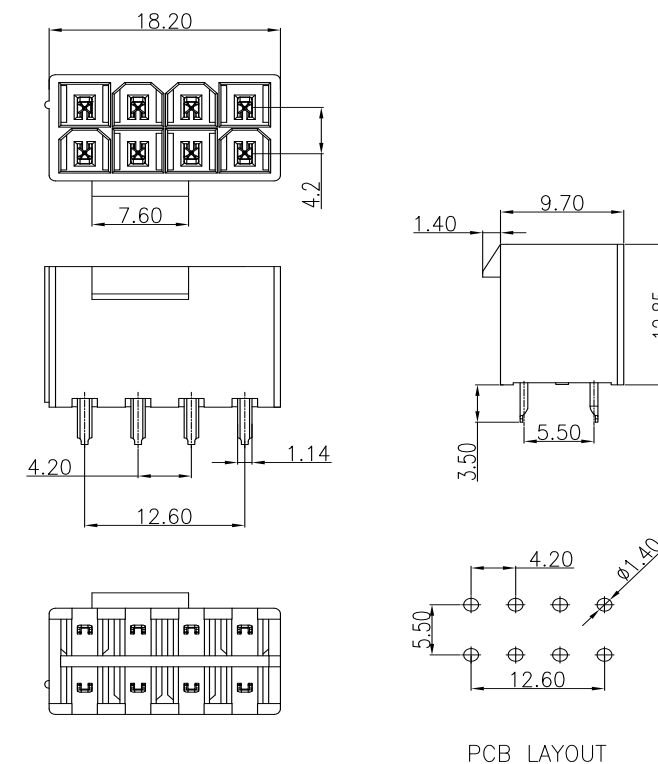
SERIES NO: C4201 W 0 7-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 7-TYPE 7
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24

HOUSING:
0-PA66,UL94V-0
2-PA66,UL94V-2
3-LCP,UL94V-0
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.60	2*07	25.20	30.80
2*02	---	9.80	2*08	29.40	35.00
2*03	8.40	14.00	2*09	33.60	39.20
2*04	12.60	18.20	2*10	37.80	43.40
2*05	16.80	22.40	2*11	42.00	47.60
2*06	21.00	26.60	2*12	46.20	51.80

C4201W0C-2081XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66 UL94V-0
Contacts: Brass

PLATING SPECIFICATION:

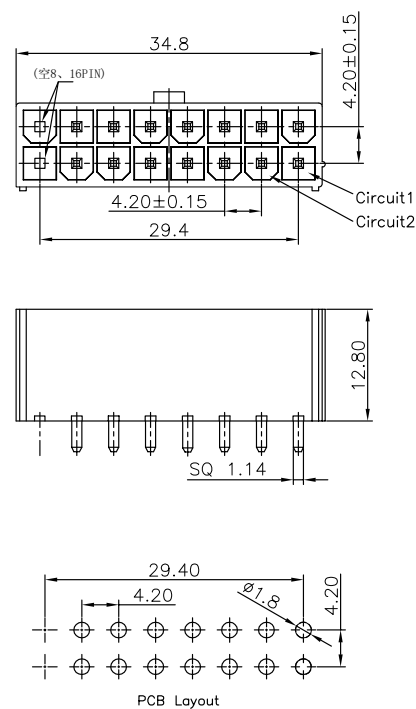
Contacts: Bright tin

SERIES NO: C4201 W 0 C-2 08 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: C-C TYPE
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 08 PIN

HOUSING:
0-UL94V-0
2-UL94V-2
COLOR:
A-BLACK
S-NATURE
PLATING:
C-BRIGHT TIN
TERMIPOINT:
1-DIP

C4201W08-2161XXX

Pitch 4.20mm 180° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:

Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:

Contacts: Bright tin

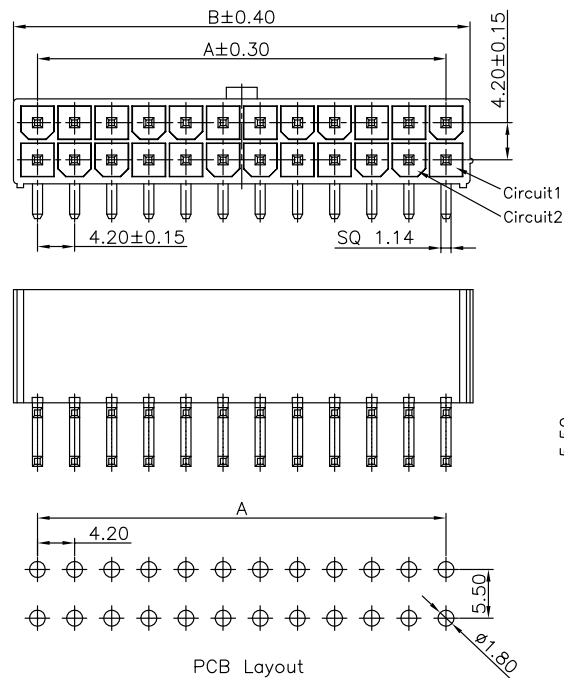
Mates with C4201 series Male housing

SERIES NO: C4201 W 0 8-2 16 1 X X X
CONNECTOR: W-WAFER
ANGLE: 0-180°
TYPE: 8-TYPE 8
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 16 PIN

HOUSING:
0-UL94V-0
2-UL94V-2
COLOR:
A-BLACK
S-NATURE
PLATING:
A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT:
1-DIP

C4201W91-2XX1XXX

Pitch 4.20mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

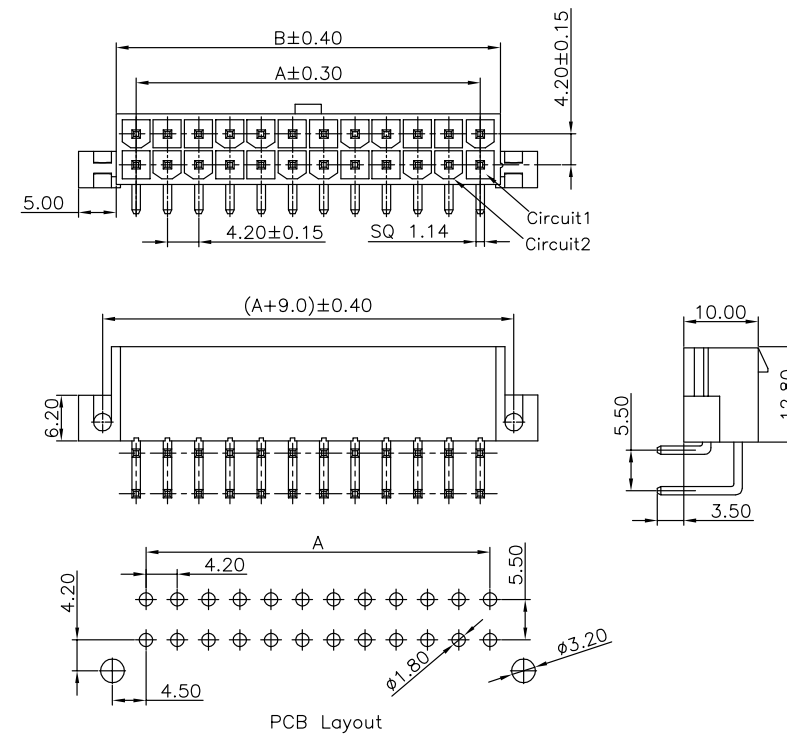
Mates with C4201 series Male housing

SERIES NO: C4201 W 9 1-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.40	2*07	25.20	30.60
2*02	---	9.60	2*08	29.40	34.80
2*03	8.40	13.80	2*09	33.60	39.00
2*04	12.60	18.00	2*10	37.80	43.20
2*05	16.80	22.20	2*11	42.00	47.40
2*06	21.00	26.40	2*12	46.20	51.60

C4201W94-2XX1XXX

Pitch 4.20mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

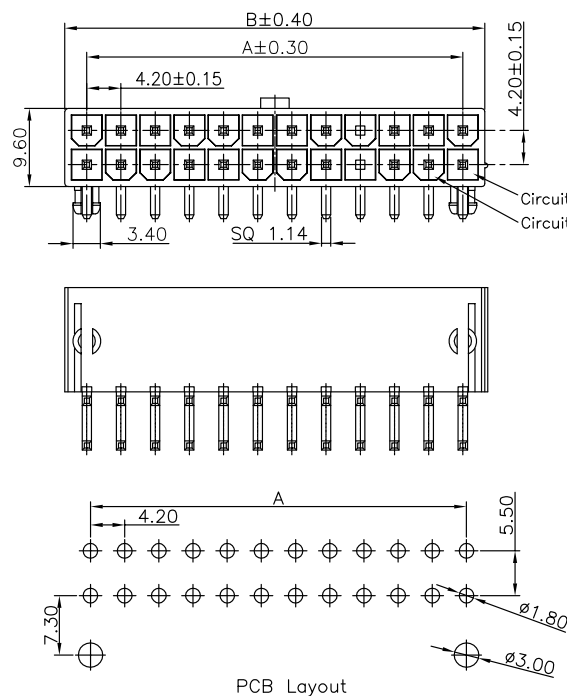
Mates with C4201 series Male housing

SERIES NO: C4201 W 9 4-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 4-TYPE 4
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.40	2*07	25.20	30.60
2*02	---	9.60	2*08	29.40	34.80
2*03	8.40	13.80	2*09	33.60	39.00
2*04	12.60	18.00	2*10	37.80	43.20
2*05	16.80	22.20	2*11	42.00	47.40
2*06	21.00	26.40	2*12	46.20	51.60

C4201W93-2XX1XXX

Pitch 4.20mm 90° Double row DIP Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0/94V-2
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

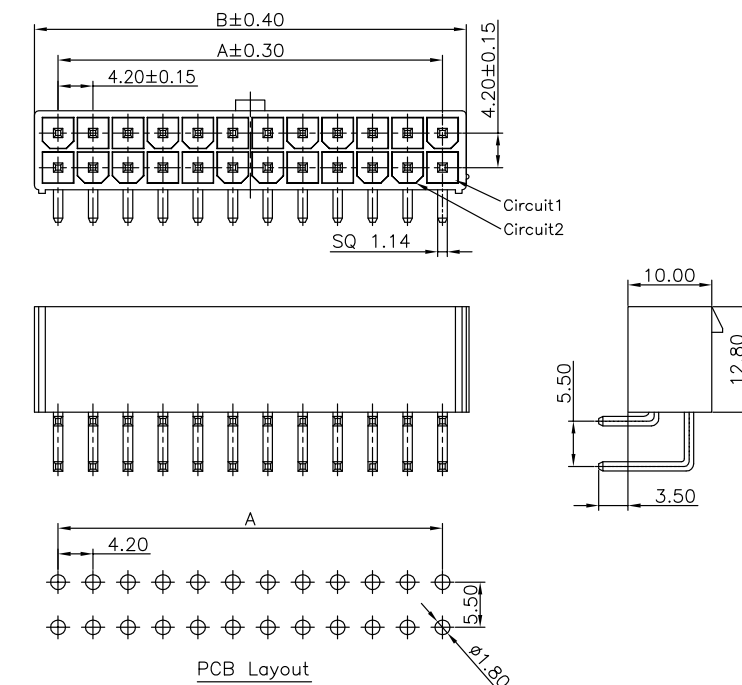
Mates with C4201 series Male housing

SERIES NO: C4201 W 9 3-2 XX 1 X X X
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 3-TYPE 3
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24
HOUSING: 0-UL94V-0
2-UL94V-2
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.40	2*07	25.20	30.60
2*02	---	9.60	2*08	29.40	34.80
2*03	8.40	13.80	2*09	33.60	39.00
2*04	12.60	18.00	2*10	37.80	43.20
2*05	16.80	22.20	2*11	42.00	47.40
2*06	21.00	26.40	2*12	46.20	51.60

C4201W92-2XX1XX3

Pitch 4.20mm 90° Double row DIP Wafer



Specifications

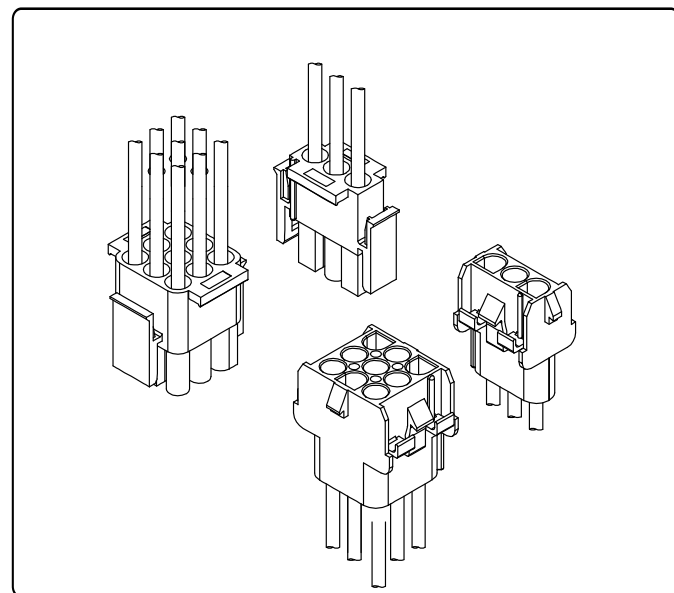
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Brass

PLATING SPECIFICATION:
Contacts: Bright tin

Mates with C4201 series Male housing

SERIES NO: C4201 W 9 2-2 XX 1 X X 3
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 2-TYPE 2
ROW NO: 2-DOUBLE ROW
PIN Q'PY: 02~24
COLOR: A-BLACK
S-NATURE
PLATING: A-ALL AU G/F
C-BRIGHE TIN
D-MATTE Tin
TERMIPOINT: 1-DIP

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
2*01	---	5.70	2*07	25.20	30.90
2*02	---	9.90	2*08	29.40	35.10
2*03	8.40	14.10	2*09	33.60	39.30
2*04	12.60	18.30	2*10	37.80	43.50
2*05	16.80	22.50	2*11	42.00	47.70
2*06	21.00	26.70	2*12	46.20	51.90

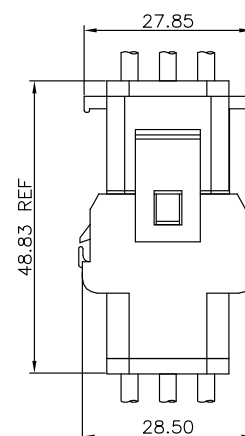
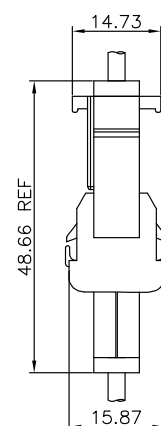


Specifications

Temperature range: -25°C~+85°C
Voltage rating: 600V
Current rating: 15A
Contact resistance: 3.5mΩ Max
Insulation resistance: 1000MΩ Min
Withstand voltage: 5000V AC

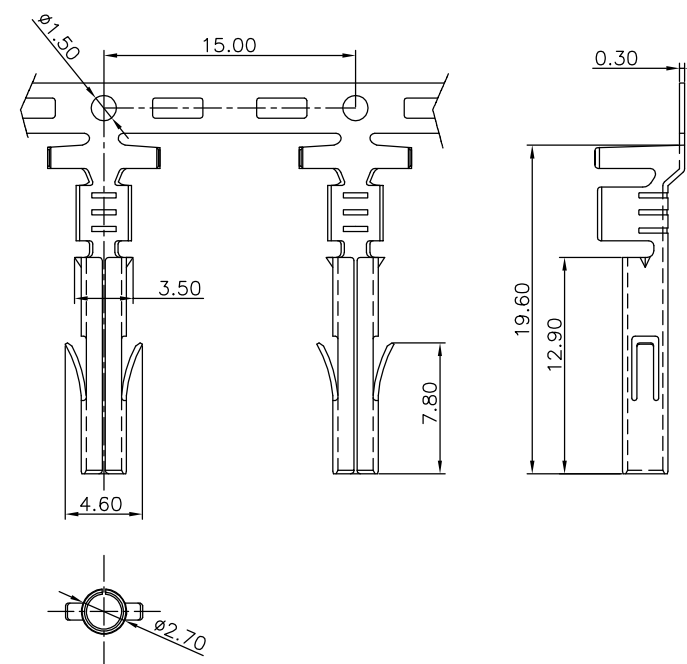
Assembly layout

wire to wire



C6351T1FX-X

Pitch 6.35mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Brass

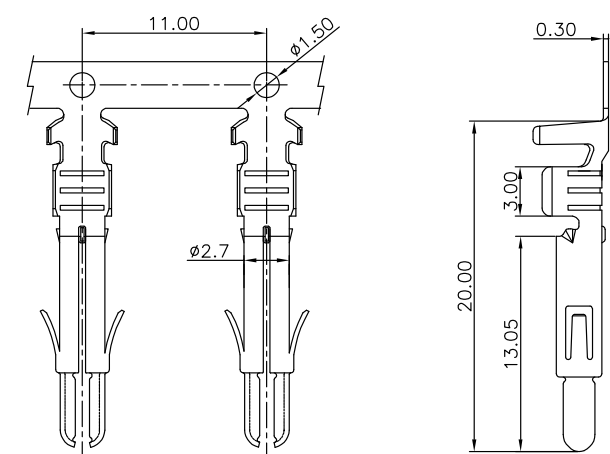
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#24
SUITABLE C6351 series Male housing

SERIES NO: C6351 T 1 F X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

C6351T1MX-X

Pitch 6.35mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Brass

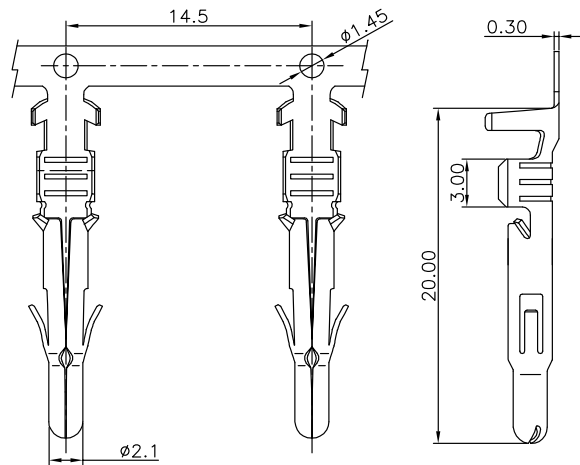
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#24
SUITABLE C6351 series Female housing

SERIES NO: C6351 T 1 M X-X
CONNECTOR: T-TERMINAL
TYPE CODE
MALE FEMALE: F-FEMALE M-MALE
PLATING:
A-ALL AU G/F
C-BRIGHT TIN
D-MATTE TIN
METAL:
P-PHOSPHOR BRONZE
B-BRASS

C6351T2MX-X

Pitch 6.35mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Brass

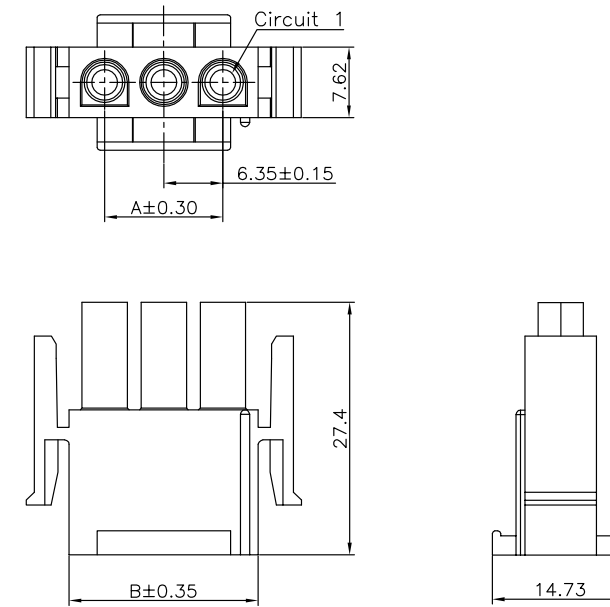
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #16-#20
Suitable C6351 series Female housing

SERIES NO: C6351 T 2 M X-X
CONNECTOR: T-TERMINAL
TYPE CODE: 1
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

C6351H1M-1XXXX

Pitch 6.35mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

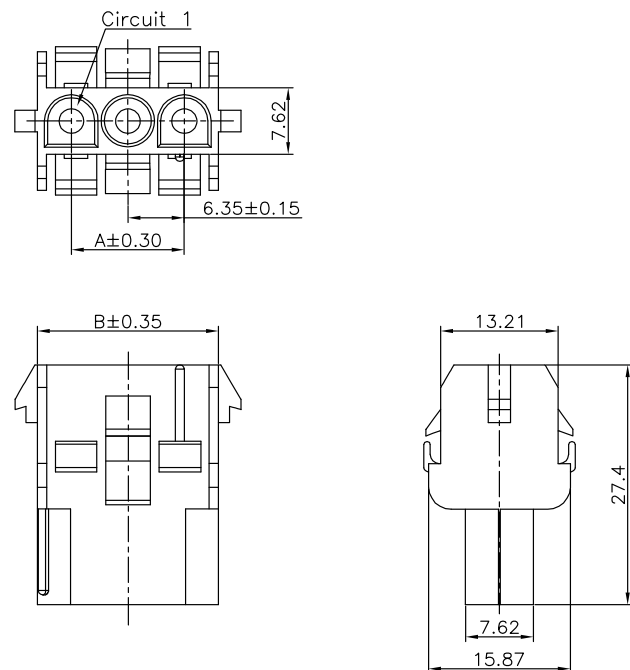
Suitable C6351 series Female Terminal
Mates With C6351 series Female housing

SERIES NO: C6351 H 1 M-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE:1
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
HOUSING: 0-UL94V-0 2-UL94V-2
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~06

Circuit	Dimensions(mm)	
	A	B
02	---	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37

C6351H1F-1XXXX

Pitch 6.35mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

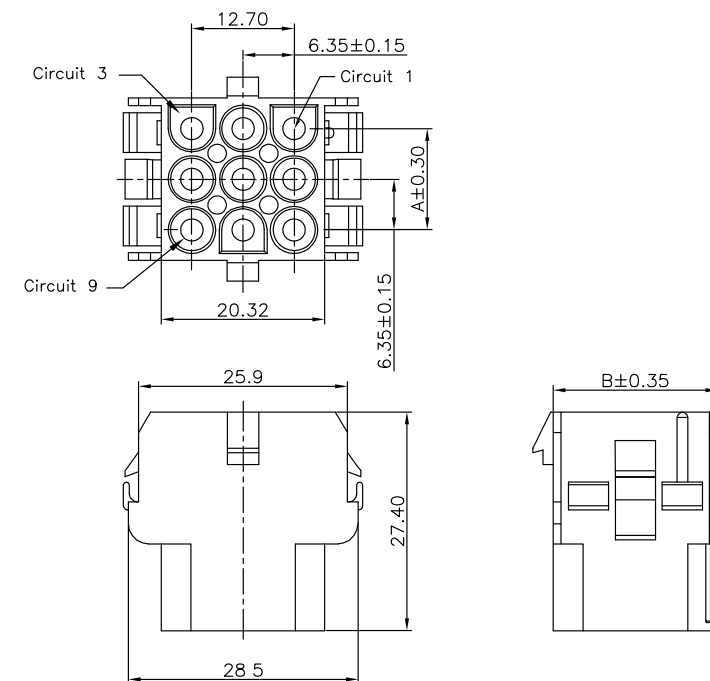
Suitable C6351 series Male Terminal
Mates With C6351 series Male housing

SERIES NO: C6351 H 1 F-1 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE:1
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
HOUSING: 0-UL94V-0 2-UL94V-2
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~06

Circuit	Dimensions(mm)	
	A	B
02	---	13.97
03	12.70	20.32
04	19.05	26.67
05	25.40	33.02
06	31.75	39.37

C6351H1F-3XXXX

Pitch 6.35mm Three rows Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

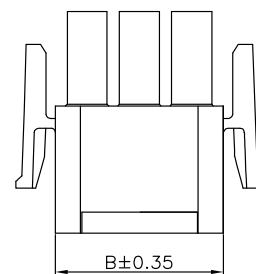
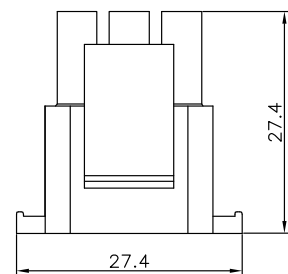
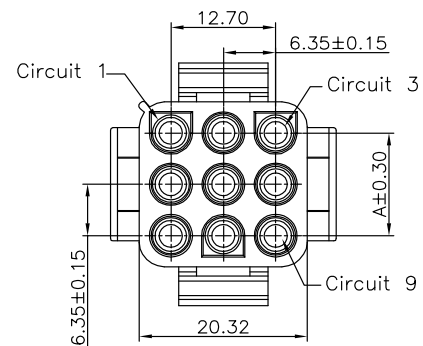
Suitable C6351 series Male Terminal
Mates With C6351 series Male housing

SERIES NO: C6351 H 1 F-3 XX X X
CONNECTOR: H-HOUSING
1-TYPE CODE:1
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 3-THREE ROWS
HOUSING: 0-UL94V-0 2-UL94V-2
COLOR: A-BLACK S-NATURE
PIN Q'PY: 06~15

Circuit	Dimensions(mm)	
	A	B
3*02	---	14.05
3*03	12.70	20.40
3*04	19.05	26.75
3*05	25.40	33.10

C6351H2M-3XXXX

Pitch 6.35mm Three rows Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66,94V-0

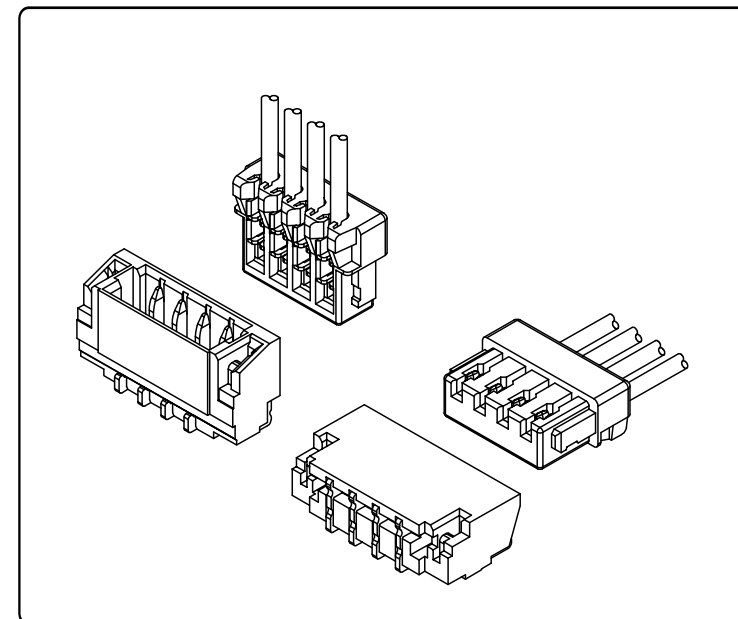
Suitable C6351 series Female Terminal
Mates With C6351 series Female housing

SERIES NO: C6351 H 2 M-3 XX X X
CONNECTOR: H-HOUSING
2-TYPE CODE:2
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 3-THREE ROWS
HOUSING: 0-UL94V-0 2-UL94V-2
COLOR: A-BLACK S-NATURE
PIN Q'PY: 06~15

Circuit	Dimensions(mm)	
	A	B
3*02	---	14.05
3*03	12.70	20.40
3*04	19.05	26.75
3*05	25.40	33.10

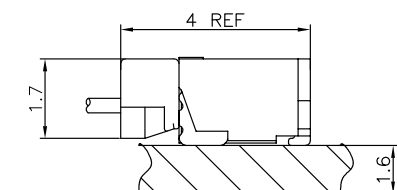
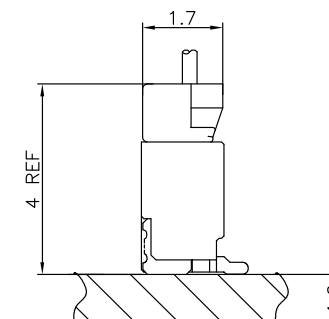
Specifications

Temperature range: -25°C~+85°C
Voltage rating: 30V
Current rating: 1A
Contact resistance: 30mΩ Max
Insulation resistance: 100MΩ Min
Withstand voltage: 200V AC



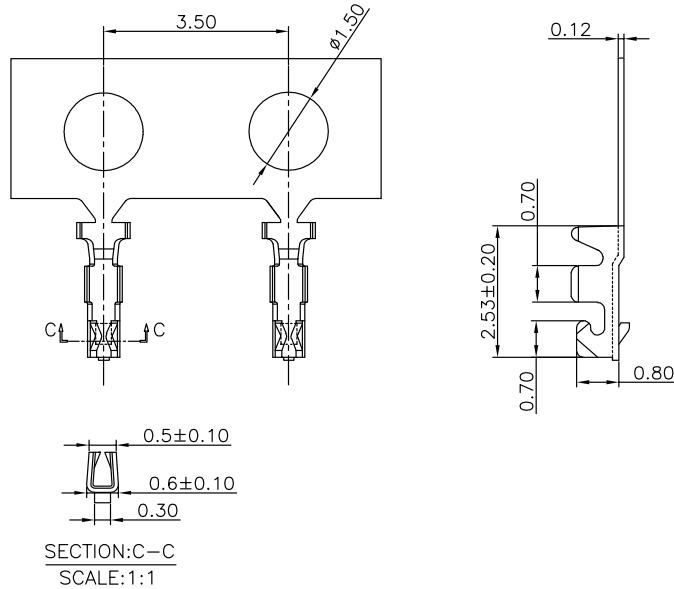
Assembly layout

Punctured type



D0801TFX-X

Pitch 0.80mm Terminal



Specifications

MATERIAL SPECIFICATION:
Terminal: Phosphor Bronze

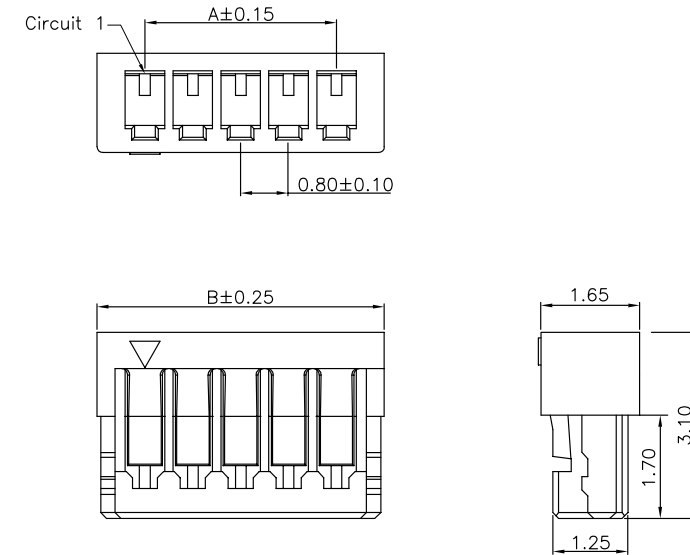
PLATING SPECIFICATION:
Bright tin

APPLICABLE WIRES:AWG #28-#32
SUITABLE D0801 series housing

SERIES NO: D0801 T F X-X
CONNECTOR: T-TERMINAL
MALE FEMALE: F-FEMALE M-MALE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
METAL: P-PHOSPHOR BRONZE B-BRASS

D0801H1M-1XXX0

Pitch 0.80mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0

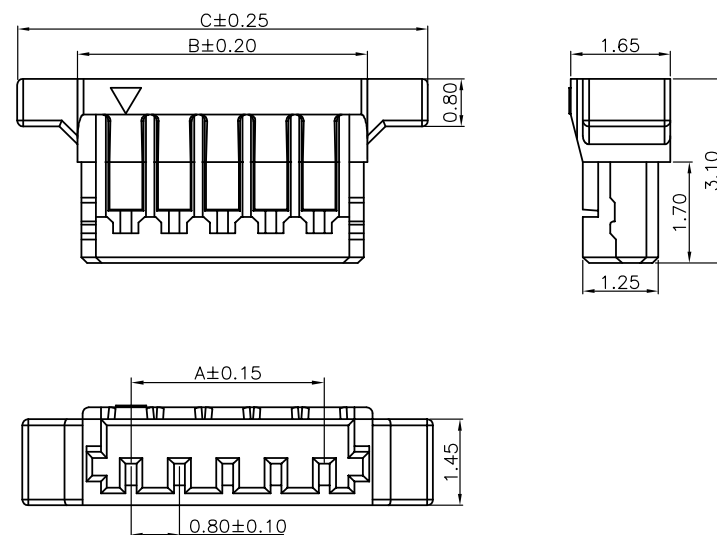
Suitable D0801 series Terminal
Mates With D0801 series Wafer

SERIES NO: D0801 H 1 M-1 XX X 0
CONNECTOR: H-HOUSING
TYPE CODE:
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~20P
ROW NO: 1-SINGLE ROW

Circuit	Dimensions (mm)	Circuit	Dimensions (mm)
A	B	A	B
02	---	12	8.80 10.40
03	1.60 3.20	13	9.60 11.20
04	2.40 4.00	14	10.40 12.00
05	3.20 4.80	15	11.20 12.80
06	4.00 5.60	16	12.00 13.60
07	4.80 6.40	17	12.80 14.40
08	5.60 7.20	18	13.60 15.20
09	6.40 8.00	19	14.40 16.00
10	7.20 8.80	20	15.20 16.80
11	8.00 9.60		

D0801HM-1XXX0

Pitch 0.80mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0

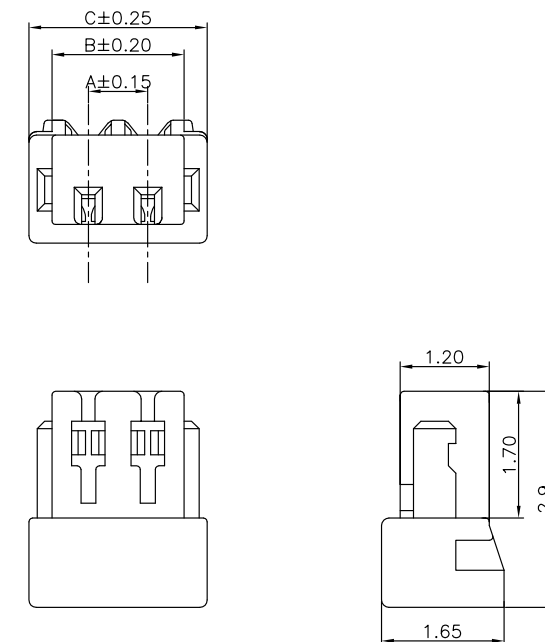
Suitable D0801 series Terminal
Mates With D0801 series Wafer

SERIES NO: D0801 H M-1 XX X 0
CONNECTOR: H-HOUSING
MALE FEMALE: M-MALE
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~20
ROW NO: 1-SINGLE ROW

Circuit	Dimensions(mm)	Circuit	Dimensions(mm)
A	B	A	B
02	---	12	8.80 10.40 12.40
03	1.60 3.20 5.20	13	9.60 11.20 13.20
04	2.40 4.00 6.00	14	10.40 12.00 14.00
05	3.20 4.80 6.80	15	11.20 12.80 14.80
06	4.00 5.60 7.60	16	12.00 13.60 15.60
07	4.80 6.40 8.40	17	12.80 14.40 16.40
08	5.60 7.20 9.20	18	13.60 15.20 17.20
09	6.40 8.00 10.00	19	14.40 16.00 18.00
10	7.20 8.80 10.80	20	15.20 16.80 18.80
11	8.00 9.60 11.60		

D0801H4M-1XXXX

Pitch 0.80mm Single row Housing



Specifications

MATERIAL SPECIFICATION:
Housing: PA66/PA46,94V-0

Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts: All Au G/F

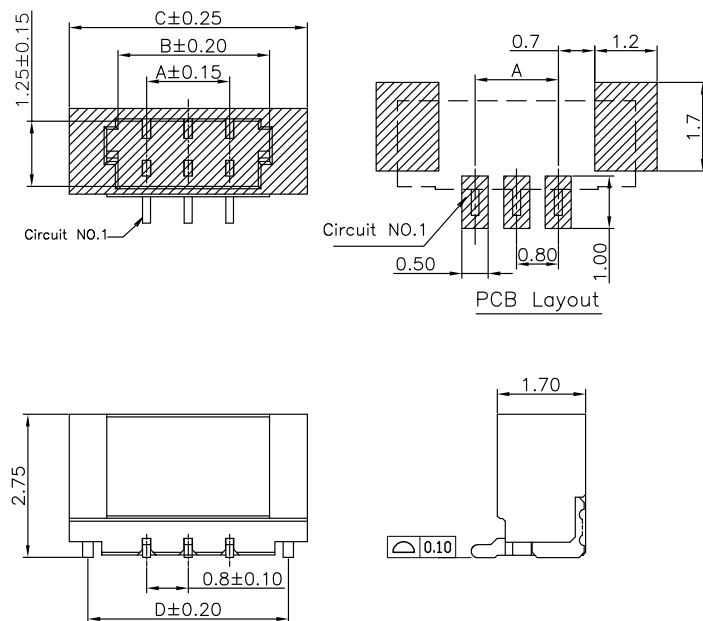
Mates With D0801 series Wafer

SERIES NO: D0801 H 4 M-1 XX X X
CONNECTOR: H-HOUSING
4-TYPE CODE
MALE FEMALE: M-MALE F-FEMALE
ROW NO: 1-SINGLE ROW
HOUSING: 1-PA66 RoHS+HF 2-PA46 RoHS
COLOR: A-BLACK S-NATURE
PIN Q'PY: 02~22

Circuit	Dimensions (mm)	Circuit	Dimensions (mm)
A	B	A	B
02	---	13	9.60 10.58 11.20
03	1.60 2.58 3.20	14	10.40 11.38 12.00
04	2.40 3.38 4.00	15	11.20 12.18 12.80
05	3.20 4.18 4.80	16	12.00 12.98 13.60
06	4.00 4.98 5.60	17	12.80 13.78 14.40
07	4.80 5.78 6.40	18	13.60 14.58 15.20
08	5.60 6.58 7.20	19	14.40 15.38 16.00
09	6.40 7.38 8.00	20	15.20 16.18 16.80
10	7.20 8.18 8.80	21	16.00 16.98 17.60
11	8.00 8.98 9.60	22	16.80 17.78 18.40
12	8.80 9.78 10.40		

D0801W0-1XX2XX0

Pitch 0.80mm 180° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: All Au G/F

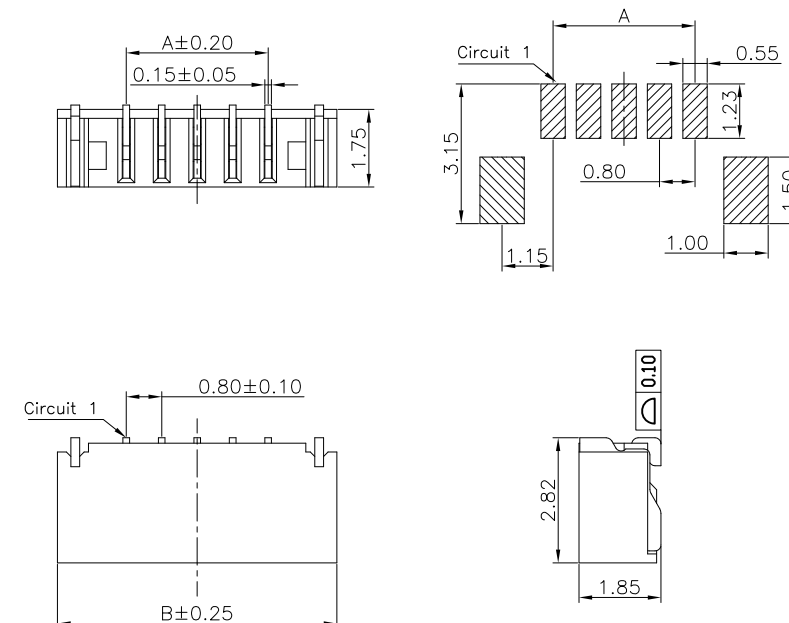
Mates with D0801 series housing

SERIES NO: D0801 W 0-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	1.90	3.78	3.04	12	8.80	9.90	11.78	11.04
03	1.60	2.70	4.58	3.84	13	9.60	10.70	12.58	11.84
04	2.40	3.50	5.38	4.64	14	10.40	11.50	13.38	12.64
05	3.20	4.30	6.18	5.44	15	11.20	12.30	14.18	13.44
06	4.00	5.10	6.98	6.24	16	12.00	13.10	14.98	14.24
07	4.80	5.90	7.78	7.04	17	12.80	13.90	15.78	15.04
08	5.60	6.70	8.58	7.84	18	13.60	14.70	16.58	15.84
09	6.40	7.50	9.38	8.64	19	14.40	15.50	17.38	16.64
10	7.20	8.30	10.18	9.44	20	15.20	16.30	18.18	17.44
11	8.00	9.10	10.98	10.24					

D0801W9-1XX2XX0

Pitch 0.80mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright Tin

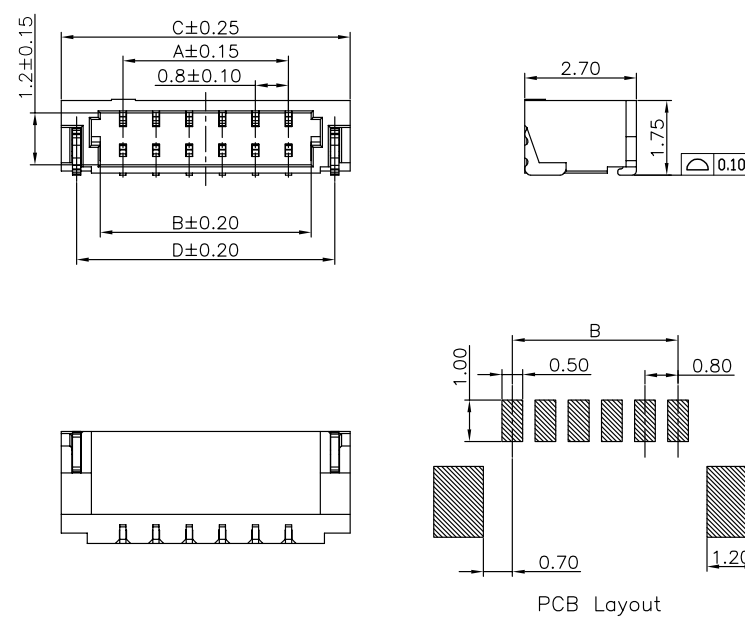
Mates with D0801 series housing

SERIES NO: D0801 W 9-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 0-90°
ROW NO: 1-SINGLE ROW
PIN Q'PY: 02~20
COLOR: A-BLACK M-BEIGE
PLATING: A-ALL AU G/F C-BRIGHT TIN
TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
02	---	3.90	12	8.80	11.90
03	1.6	4.70	13	9.60	12.70
04	2.4	5.50	14	10.40	13.50
05	3.2	6.30	15	11.20	14.30
06	4.0	7.10	16	12.00	15.10
07	4.8	7.90	17	12.80	15.90
08	5.6	8.70	18	13.60	16.70
09	6.4	9.50	19	14.40	17.50
10	7.2	10.30	20	15.20	18.30
11	8.0	11.10			

D0801W91-1XX2XX0

Pitch 0.80mm 90° Single row SMT Wafer



Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: All Au G/F

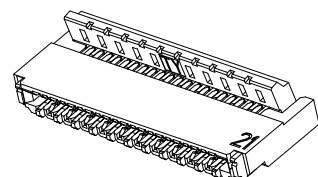
Mates with D0801 series housing

SERIES NO: D0801 W 9 1-1 XX 2 X X 0
CONNECTOR: W-WAFER
ANGLE: 9-90°
TYPE: 1-TYPE 1
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 02~20

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
02	---	1.90	3.78	3.04	12	8.80	9.90	11.78	11.04
03	1.60	2.70	4.58	3.84	13	9.60	10.70	12.58	11.84
04	2.40	3.50	5.38	4.64	14	10.40	11.50	13.38	12.64
05	3.20	4.30	6.18	5.44	15	11.20	12.30	14.18	13.44
06	4.00	5.10	6.98	6.24	16	12.00	13.10	14.98	14.24
07	4.80	5.90	7.78	7.04	17	12.80	13.90	15.78	15.04
08	5.60	6.70	8.58	7.84	18	13.60	14.70	16.58	15.84
09	6.40	7.50	9.38	8.64	19	14.40	15.50	17.38	16.64
10	7.20	8.30	10.18	9.44	20	15.20	16.30	18.18	17.44
11	8.00	9.10	10.98	10.24					

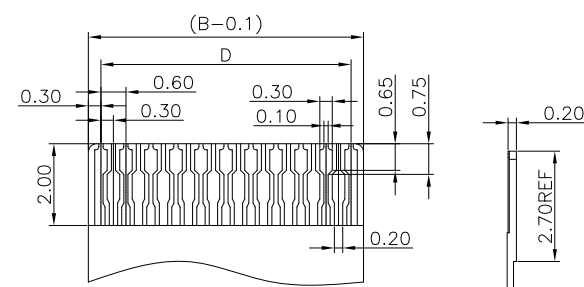
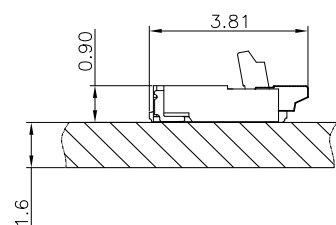
Specifications

Temperature range: $-30^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 30V
 Current rating: 0.2A
 Contact resistance: 50m Ω Max
 Insulation resistance: 100M Ω Min
 Withstand voltage: 100V AC



Assembly layout

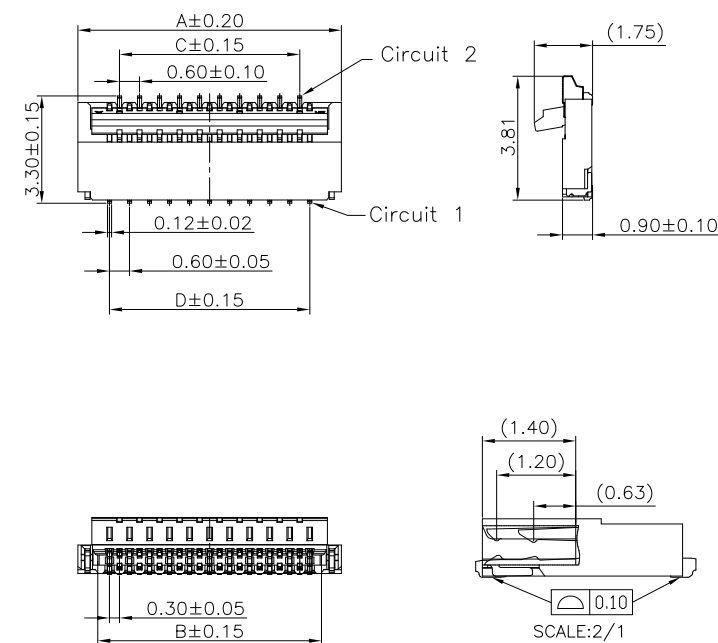
wire to board



Recommended FPC Dimension

F030109F9-2XX2XX01

Pitch 0.30mm 90° Double row SMT FPC/FFC

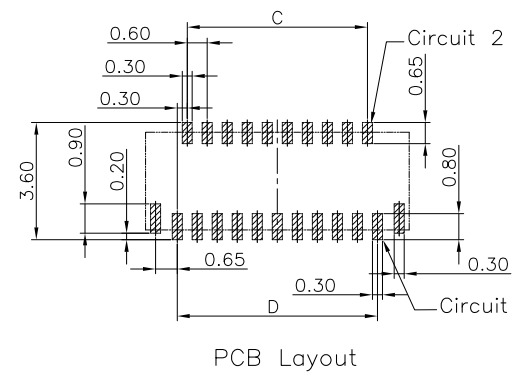
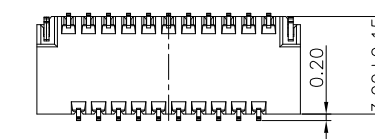


Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: All Au G/F

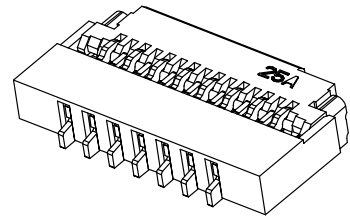
SERIES NO: F0301 09 F 9-2 XX 2 X X 01
 HEIGHT: 09: 0.90mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: S-NATURE
 PLATING: A-ALL AU G/F
 TERMIPOINT: 2-SMT
 PIN Q'PY: 13~71

Circuit	Dimensions(mm)			
	A	B	C	D
09	4.30	3.10	1.80	2.40
11	4.90	3.70	2.40	3.00
13	5.50	4.30	3.00	3.60
15	6.10	4.90	3.60	4.20
21	7.90	6.70	5.40	6.00
23	8.50	7.30	6.00	6.60
25	9.10	7.90	6.60	7.20
29	10.30	9.10	7.80	8.40
31	10.90	9.70	8.40	9.00
33	11.50	10.30	9.00	9.60
35	12.10	10.90	9.60	10.20
39	13.30	12.10	10.80	11.40
41	13.90	12.70	11.40	12.00
45	15.10	13.90	12.60	13.20
51	16.90	15.70	14.40	15.00
61	19.90	18.70	17.40	18.00
71	22.90	21.70	20.40	21.00

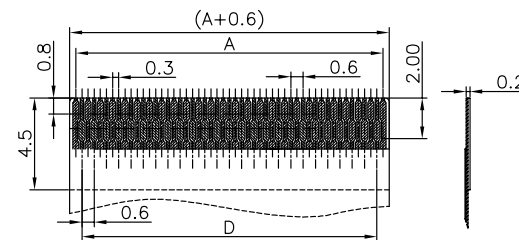
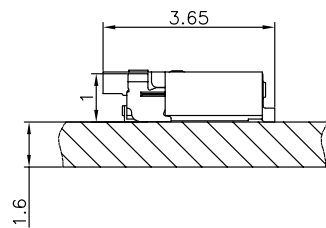


Specifications

Temperature range: -55°C~+85°C
Voltage rating: 30V
Current rating: 0.2A
Contact resistance: 40mΩ Max
Insulation resistance: 50MΩ Min
Withstand voltage: 250V AC



Assembly layout



Recommended FPC Dimension

F030310F9-2XX2XX01

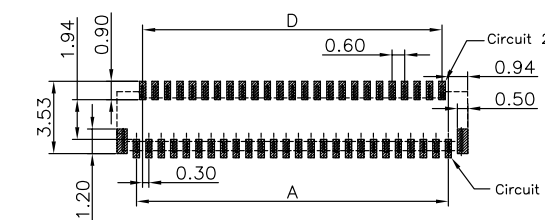
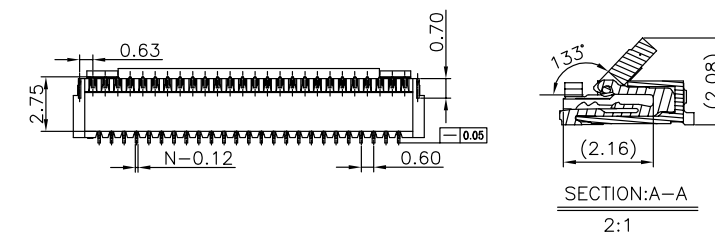
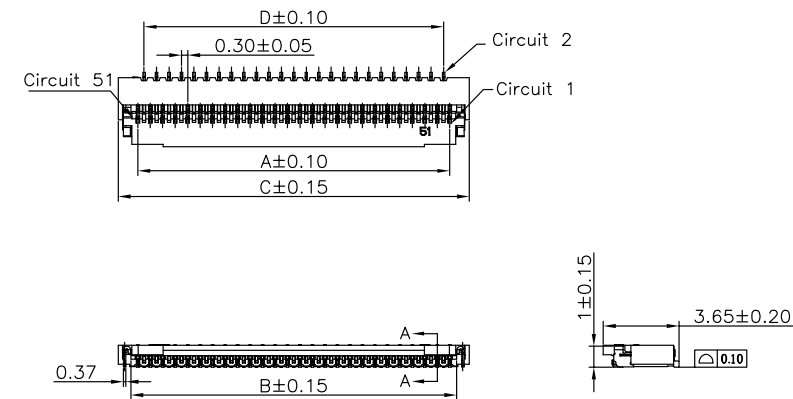
Pitch 0.30mm 90° Double row SMT FPC/FFC

Specifications

MATERIAL SPECIFICATION:
Housing: LCP, 94V-0
Contacts: Phosphor Bronze

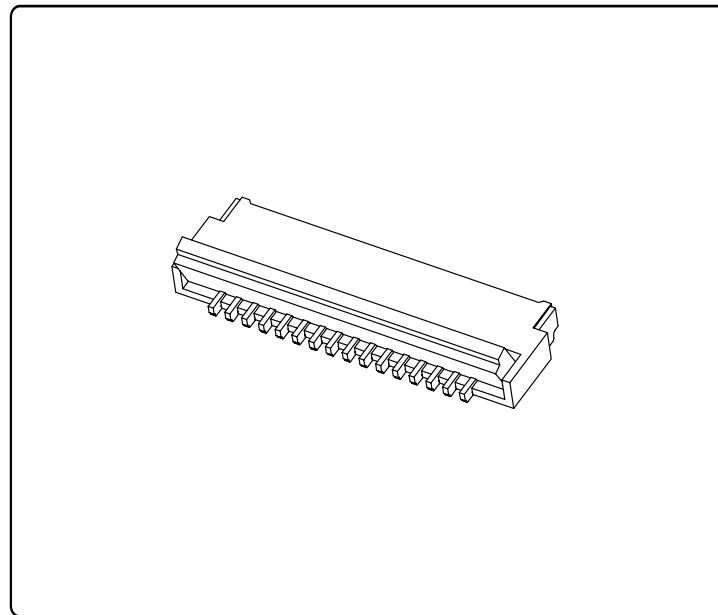
PLATING SPECIFICATION:
Contacts: Matte Tin

SERIES NO: F0303 10 F 9-2 XX 2 X X 01
HEIGHT: 10: 1.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 2-DOUBLE ROW
COLOR: A-BLACK
PLATING: D-MATTE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 13~71



PCB Layout

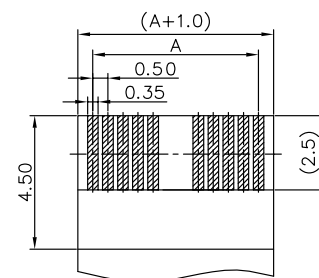
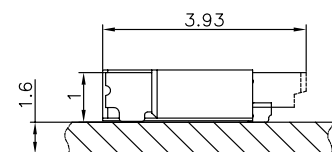
Circuit	Dimensions(mm)			
	A	B	C	D
13	3.60	4.26	5.46	3.00
15	4.20	4.86	6.06	3.60
17	4.80	5.46	6.66	4.20
19	5.40	6.06	7.26	4.80
21	6.00	6.66	7.86	5.40
23	6.60	7.26	8.46	6.00
25	7.20	7.86	9.06	6.60
27	7.80	8.46	9.66	7.20
29	8.40	9.06	10.26	7.80
31	9.00	9.66	10.86	8.40
33	9.60	10.26	11.46	9.00
35	10.20	10.86	12.06	9.60
37	10.80	11.46	12.66	10.20
39	11.40	12.06	13.26	10.80
41	12.00	12.66	13.86	11.40
43	12.60	13.26	14.46	12.00
45	13.20	13.86	15.06	12.60
47	13.80	14.46	15.66	13.20
49	14.40	15.06	16.26	13.80
51	15.00	15.66	16.86	14.40
53	15.60	16.26	17.46	15.00
55	16.20	16.86	18.06	15.60
57	16.80	17.46	18.66	16.20
59	17.40	18.06	19.26	16.80
61	18.00	18.66	19.86	17.40
63	18.60	19.26	20.46	18.00
65	19.20	19.86	21.06	18.60
67	19.80	20.46	21.66	19.20
69	20.40	21.06	22.26	19.80
71	21.00	21.66	22.86	20.40



Specifications

Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $50\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC

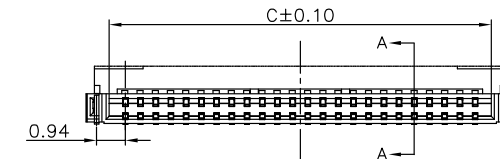
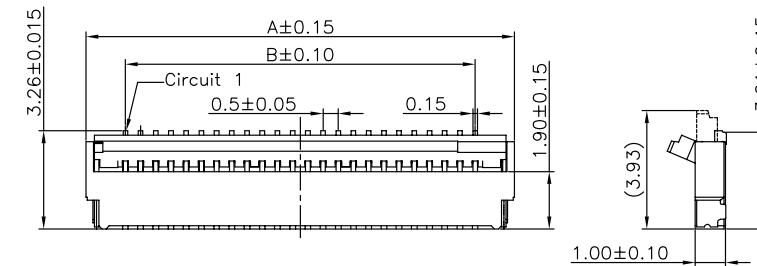
Assembly layout



Recommended FPC Dimension

F050110F9-1XX2XX02

Pitch 0.50mm 90° Single row SMT FPC/FFC



Section A-A

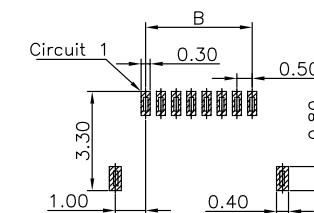
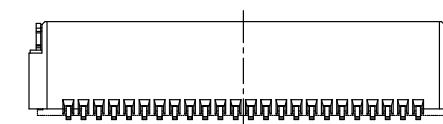
Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze

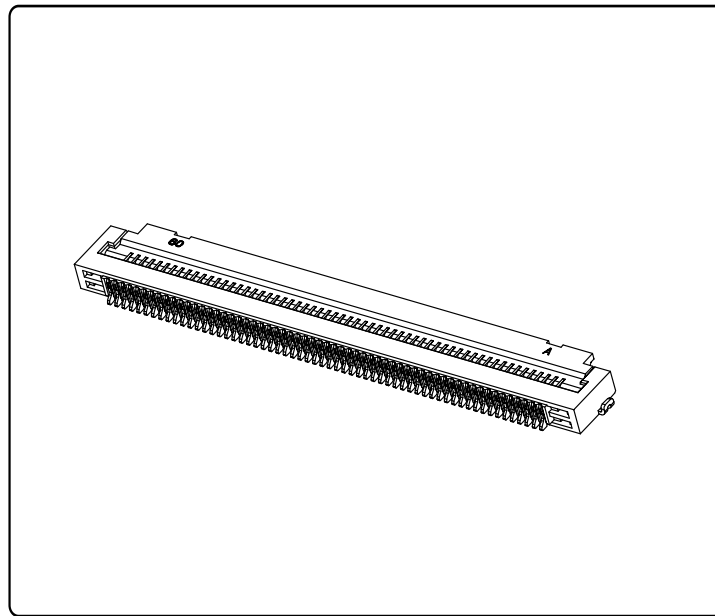
PLATING SPECIFICATION:
 Contacts: G/F

Series NO: F0501 10 F 9-1 XX 2 X X 02
 HEIGHT: 10: 1.0mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: M-BEIGE, S-NATURE
 PLATING: 1-G/F, A-ALL AU G/F, C-BRIGHE TIN
 TERMIPOINT: 2-SMT
 PIN Q' PY: 04~40

Circuit	Dimensions(mm)		
	A	B	C
04	4.09	1.50	2.60
05	4.59	2.00	3.10
06	5.09	2.50	3.60
08	6.09	3.50	4.60
10	7.09	4.50	5.60
12	8.09	5.50	6.60
14	9.09	6.50	7.60
16	10.09	7.50	8.60
18	11.09	8.50	9.60
20	12.09	9.50	10.60
22	13.09	10.50	11.60
24	14.09	11.50	12.60
28	16.09	13.50	14.60
30	17.09	14.50	15.60
32	18.09	15.50	16.60
38	21.09	18.50	19.60
40	22.09	19.50	20.60



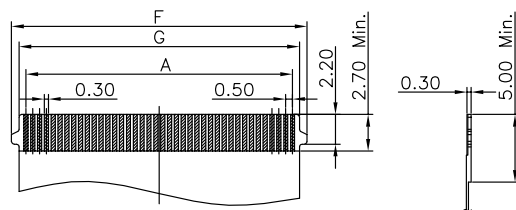
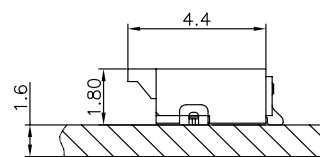
PCB Layout



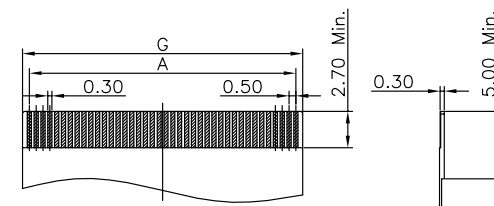
Specifications

Temperature range: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $40\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 250V AC

Assembly layout



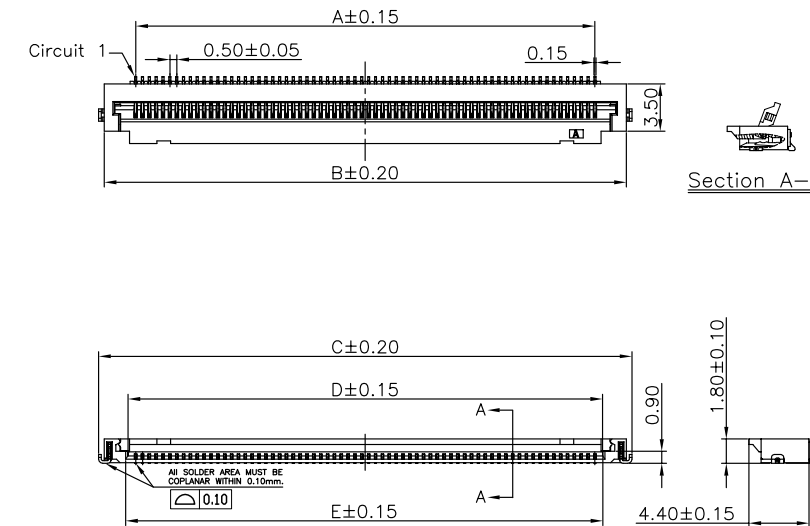
Recommended FPC Dimension
LOCK TYPE



Recommended FPC Dimension
NON LOCK TYPE

F050118F9-1XX2XX01

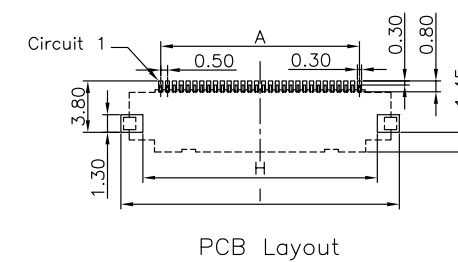
Pitch 0.50mm 90° Single row SMT FPC/FFC



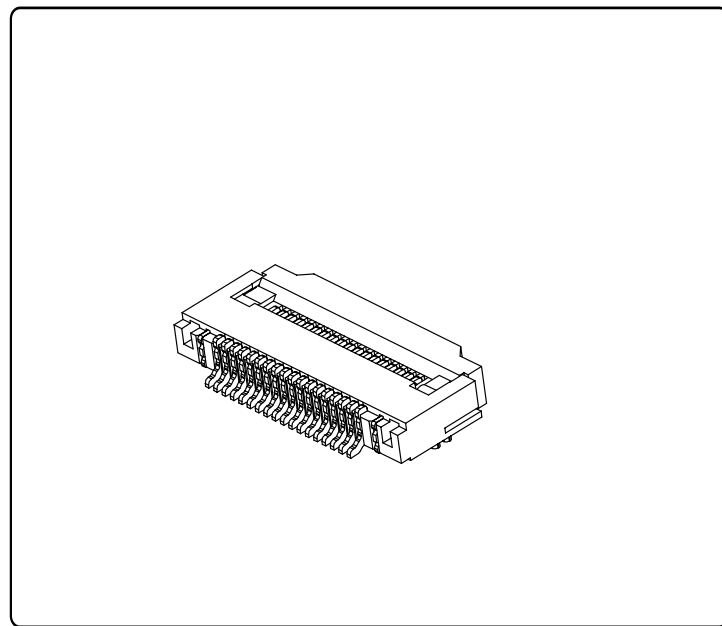
Specifications

MATERIAL SPECIFICATION:
 Housing: LCP, 94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: G/F

Series NO: F0501 18 F 9-1 XX 2 X X 01
 HEIGHT: 18: 1.8mm
 MALE FEMALE: 1-G/F, F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: M-BEIGE, S-NATURE
 PLATING: 1-G/F, A-ALL AU G/F, C-BRIGHT TIN
 TERMIPOINT: 2-SMT
 PIN Q'PY: 21~60



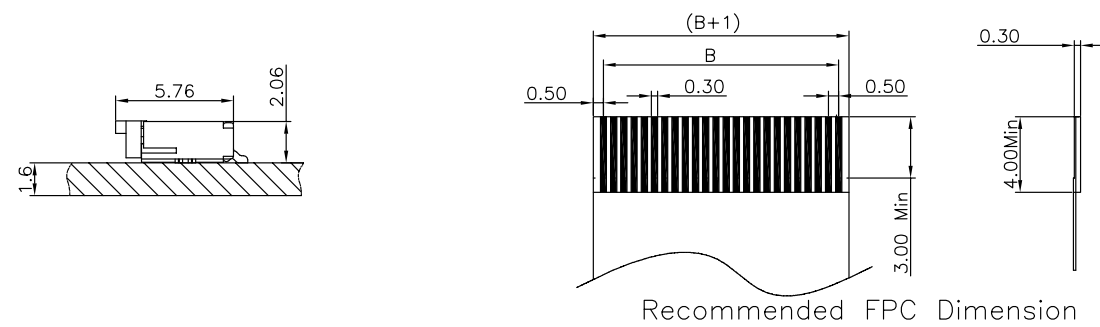
Circuit	Dimensions (mm)								
	A	B	C	D	E	F	G	H	I
21	10.00	14.60	15.40	11.10	11.15	12.10	11.00	12.60	15.80
30	14.50	19.10	19.90	15.60	15.65	16.60	15.50	17.10	20.30
40	19.50	24.10	24.90	20.60	20.65	21.60	20.50	22.10	25.30
50	24.50	29.10	29.90	25.60	25.65	26.60	25.50	27.10	30.30
60	29.50	34.10	34.90	30.60	30.65	31.60	30.50	32.10	35.30
80	39.50	44.10	44.90	40.60	40.65	41.60	40.50	42.10	45.30



Specifications

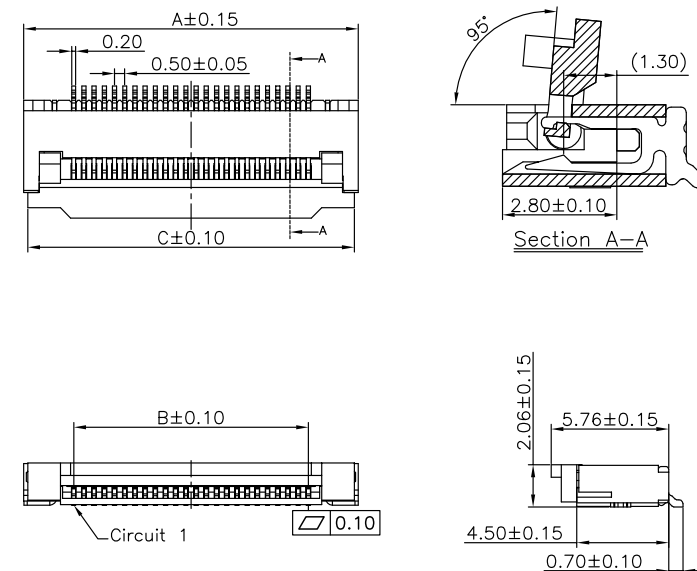
Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 0.4A
Contact resistance: $20\text{m}\Omega$ Max
Insulation resistance: $50\text{M}\Omega$ Min
Withstand voltage: 200V AC

Assembly layout



F050120F9-1XX2XX01

Pitch 0.50mm 90° Single row SMT FPC/FFC



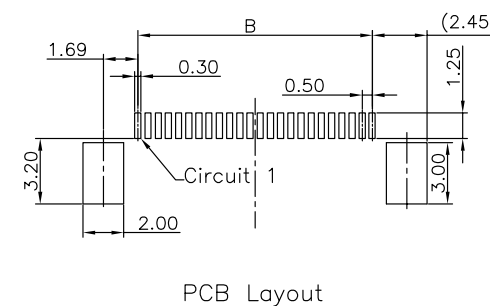
Specifications

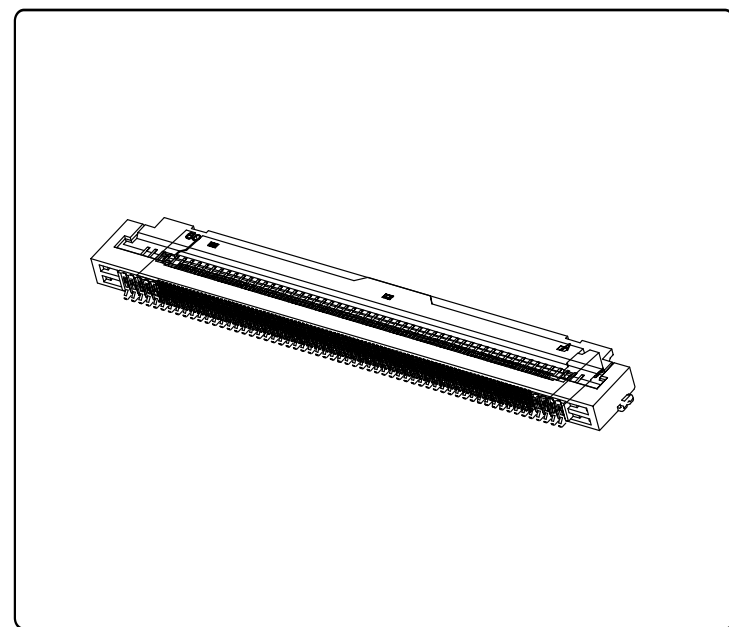
MATERIAL SPECIFICATION:
Housing: LCP, 94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte Tin

SERIES NO: F0501 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0MM
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK, M-BEIGE
PLATING: A-ALL AU G/F, D-MATTE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 02~16

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
04	6.40	1.50	6.00	2.50	43	25.90	21.00	25.50	22.00
05	6.90	2.00	6.50	3.00	44	26.40	21.50	26.00	22.50
06	7.40	2.50	7.00	3.50	45	26.90	22.00	26.50	23.00
07	7.90	3.00	7.50	4.00	46	27.40	22.50	27.00	23.50
08	8.40	3.50	8.00	4.50	47	27.90	23.00	27.50	24.00
09	8.90	4.00	8.50	5.00	48	28.40	23.50	28.00	24.50
10	9.40	4.50	9.00	5.50	49	28.90	24.00	28.50	25.00
11	9.90	5.00	9.50	6.00	50	29.40	24.50	29.00	25.50
12	10.40	5.50	10.00	6.50	51	29.90	25.00	29.50	26.00
13	10.90	6.00	10.50	7.00	52	30.40	25.50	30.00	26.50
14	11.40	6.50	11.00	7.50	53	30.90	26.00	30.50	27.00
15	11.90	7.00	11.50	8.00	54	31.40	26.50	31.00	27.50
16	12.40	7.50	12.00	8.50	55	31.90	27.00	31.50	28.00
17	12.90	8.00	12.50	9.00	56	32.40	27.50	32.00	28.50
18	13.40	8.50	13.00	9.50	57	32.90	28.00	32.50	29.00
19	13.90	9.00	13.50	10.00	58	33.40	28.50	33.00	29.50
20	14.40	9.50	14.00	10.50	59	33.90	29.00	33.50	30.00
21	14.90	10.00	14.50	11.00	60	34.40	29.50	34.00	30.50
22	15.40	10.50	15.00	11.50	61	34.90	30.00	34.50	31.00
23	15.90	11.00	15.50	12.00	62	35.40	30.50	35.00	31.50
24	16.40	11.50	16.00	12.50	63	35.90	31.00	35.50	32.00
25	16.90	12.00	16.50	13.00	64	36.40	31.50	36.00	32.50
26	17.40	12.50	17.00	13.50	65	36.90	32.00	36.50	33.00
27	17.90	13.00	17.50	14.00	66	37.40	32.50	37.00	33.50
28	18.40	13.50	18.00	14.50	67	37.90	33.00	37.50	34.00
29	18.90	14.00	18.50	15.00	68	38.40	33.50	38.00	34.50
30	19.40	14.50	19.00	15.50	69	38.90	34.00	38.50	35.00
31	19.90	15.00	19.50	16.00	70	39.40	34.50	39.00	35.50
32	20.40	15.50	20.00	16.50	71	39.90	35.00	39.50	36.00
33	20.90	16.00	20.50	17.00	72	40.40	35.50	40.00	36.50
34	21.40	16.50	21.00	17.50	73	40.90	36.00	40.50	37.00
35	21.90	17.00	21.50	18.00	74	41.40	36.50	41.00	37.50
36	22.40	17.50	22.00	18.50	75	41.90	37.00	41.50	38.00
37	22.90	18.00	22.50	19.00	76	42.40	37.50	42.00	38.50
38	23.40	18.50	23.00	19.50	77	42.90	38.00	42.50	39.00
39	23.90	19.00	23.50	20.00	78	43.40	38.50	43.00	39.50
40	24.40	19.50	24.00	20.50	79	43.90	39.00	43.50	40.00
41	24.90	20.00	24.50	21.00	80	44.40	39.50	44.00	40.50
42	25.40	20.50	25.00	21.50					

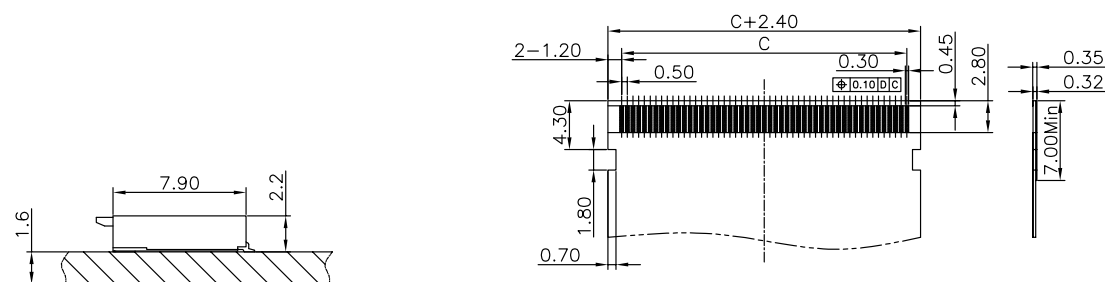




Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: 30m Ω Max
 Insulation resistance: 100M Ω Min
 Withstand voltage: 250V AC

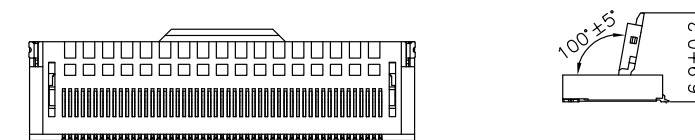
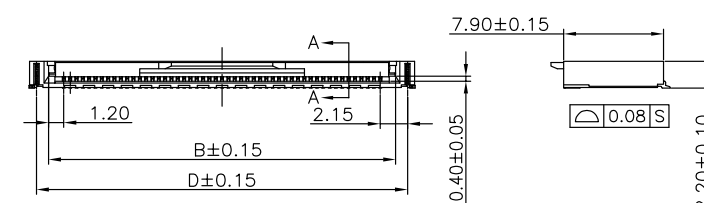
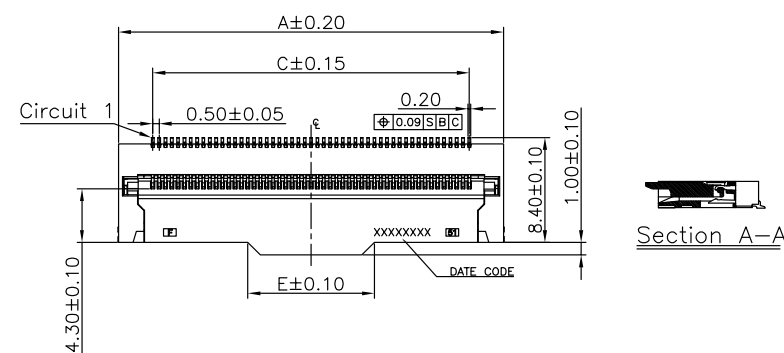
Assembly layout



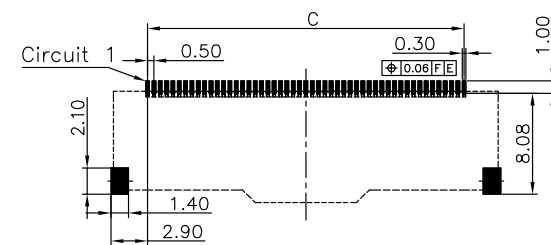
Recommended FPC Dimension

F050122F9-1XX2XX01

Pitch 0.50mm 90° Single row SMT FPC/FFC



WHEN ACTUATOR IS OPENED



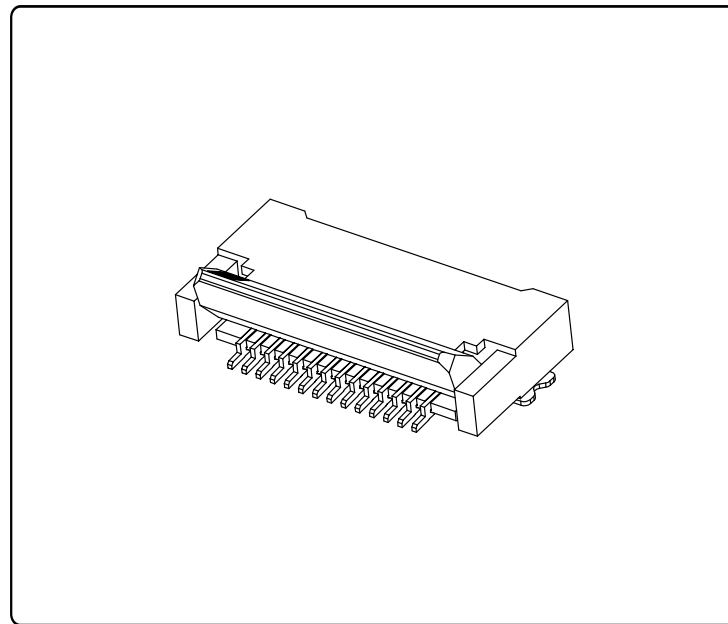
PCB Layout

Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: All Au G/F

SERIES NO: F0501 22 F 9-1 XX 2 X X 01
 HEIGHT: 22: 2.2mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: M-BEIGE, S-NATURE
 PLATING: A-ALL AU G/F, D-MATTE Tin, C-BRIGHE TIN
 TERMIPOINT: 2-SMT
 PIN Q'PY: 04~40

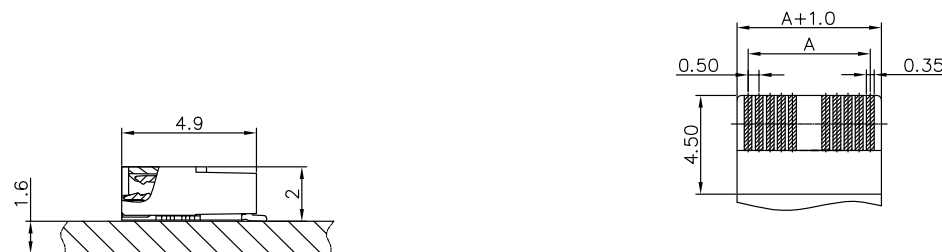
Circuit	Dimensions(mm)				
	A	B	C	D	E
24	16.90	13.90	11.50	15.80	9.00
51	30.40	27.40	25.00	29.30	10.00
96	52.90	49.90	47.50	51.80	10.00



Specifications

Temperature range: $-30^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: $50\text{m}\Omega$ Max
Insulation resistance: $100\text{M}\Omega$ Min
Withstand voltage: 250V AC

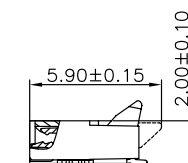
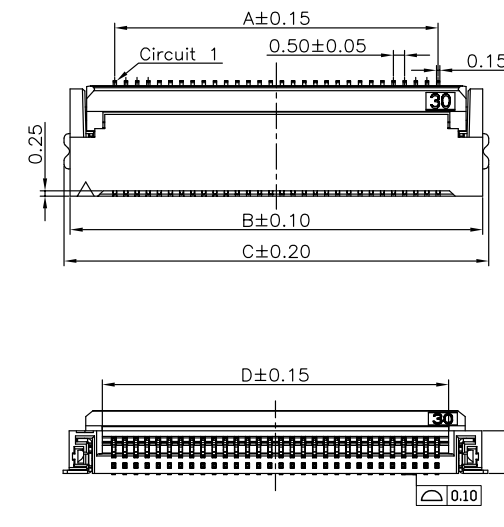
Assembly layout



Recommended FPC Dimension

F050220F9-1XX2XX01

Pitch 0.50mm 90° Single row SMT FPC/FFC



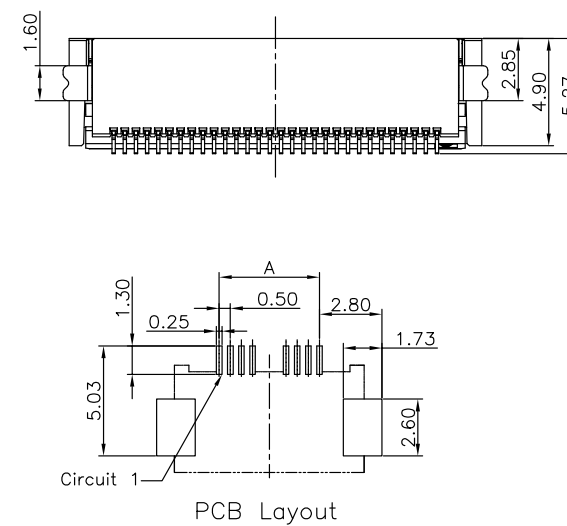
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:All Au G/F

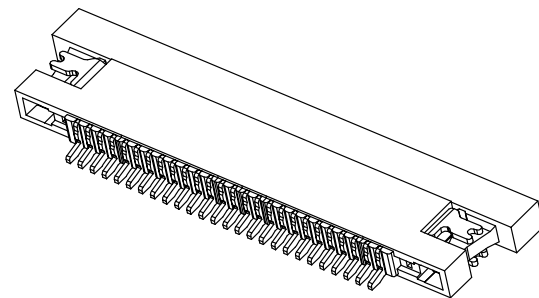
SERIES NO: F0502 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: M-BEIGE S-NATURE
PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
TERMIPOINT: 2-SMT
PIN Q' PY: 05~96

Circuit	Dimensions(mm)			
	A	B	C	D
04	1.50	5.50	6.05	2.55
05	2.00	6.00	6.55	3.05
06	2.50	6.50	7.05	3.55
08	3.50	7.50	8.05	4.55
09	4.00	8.00	8.55	5.05
10	4.50	8.50	9.05	5.55
12	5.50	9.50	10.05	6.55
13	6.00	10.00	10.55	7.05
14	6.50	10.50	11.05	7.55
15	7.00	11.00	11.55	8.05
16	7.50	11.50	12.05	8.55
18	8.50	12.50	13.05	9.55
20	9.50	13.50	14.05	10.55
22	10.50	14.50	15.05	11.55
24	11.50	15.50	16.05	12.55
25	12.00	16.00	16.55	13.05
26	12.50	16.50	17.05	13.55
28	13.50	17.50	18.05	14.55
30	14.50	18.50	19.05	15.55
32	15.50	19.50	20.05	16.55
34	16.50	20.50	21.05	17.55
36	17.50	21.50	22.05	18.55
40	19.50	23.50	24.05	20.55
45	22.00	26.00	26.55	23.05
50	24.50	28.50	29.05	25.55
54	26.50	30.50	31.05	27.55
60	29.50	33.50	34.05	30.55
68	33.50	37.50	38.05	34.55
80	39.50	43.50	44.05	40.55
96	47.50	51.50	52.05	48.55

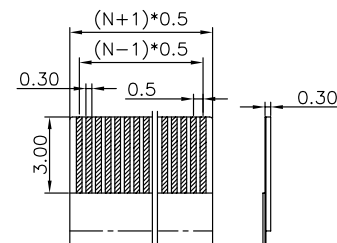
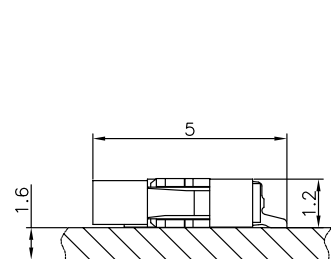


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.4A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC



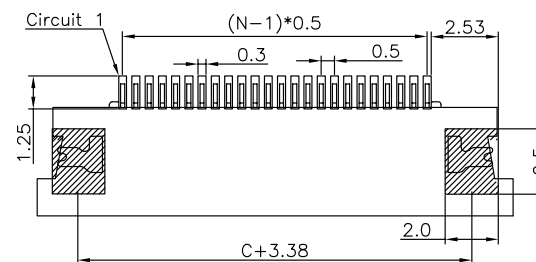
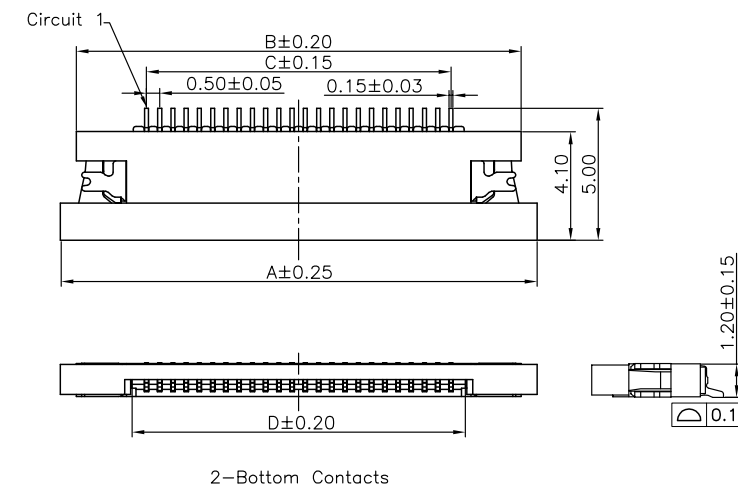
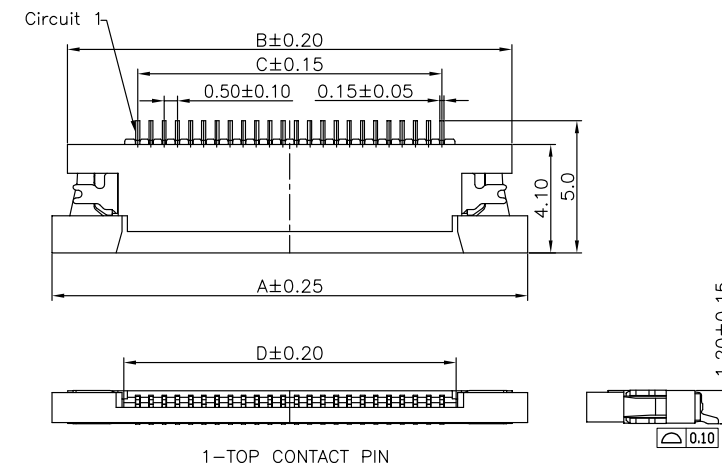
Assembly layout



Recommended FPC Dimension

F050312F9-1XX2XX0X

Pitch 0.50mm 90° Single row SMT FPC/FFC



PCB Layout

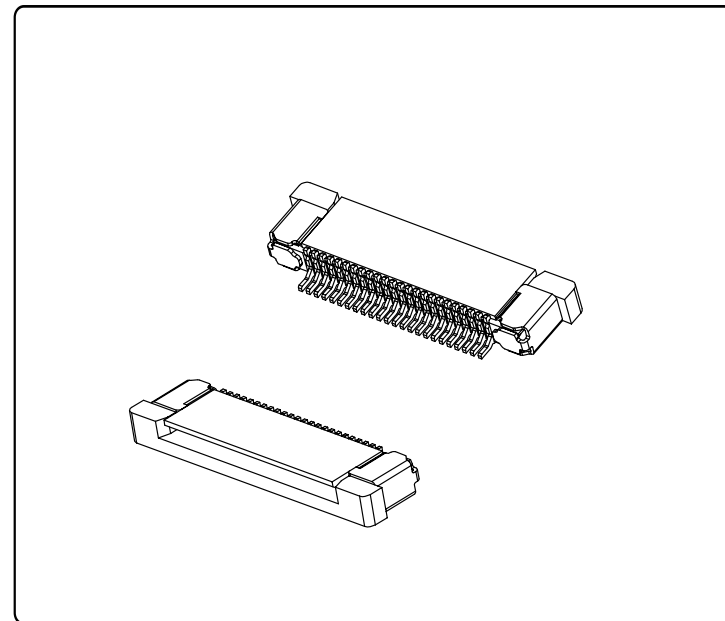
Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze

PLATING SPECIFICATION:
 Contacts: Matte Tin

SERIES NO: F0503 12 F 9-1 XX 2 X X 0X
 HEIGHT: 12: 1.20mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 ASSEMBLY STYPE
 1-TOP CONTACT PIN
 2-BOTTOM CONTACTS
 COLOR:
 S-NATURE
 PLATING:
 A-ALL AU G/F
 D-MATTE TIN
 TERMPOINT:
 2-SMT
 PIN Q'PY:
 04~60

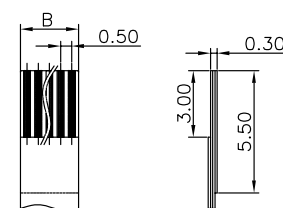
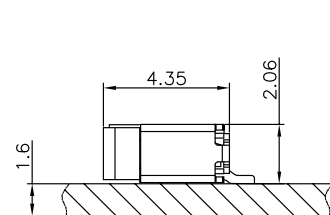
Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
04	8.00	6.80	1.50	2.58	31	21.50	20.30	15.00	16.08
05	8.50	7.30	2.00	3.08	32	22.00	20.80	15.50	16.58
06	9.00	7.80	2.50	3.58	33	22.50	21.30	16.00	17.08
07	9.50	8.30	3.00	4.08	34	23.00	21.80	16.50	17.58
08	10.00	8.80	3.50	4.58	35	23.50	22.30	17.00	18.08
09	10.50	9.30	4.00	5.08	36	24.00	22.80	17.50	18.58
10	11.00	9.80	4.50	5.58	37	24.50	23.30	18.00	19.08
11	11.50	10.30	5.00	6.08	38	25.00	23.80	18.50	19.58
12	12.00	10.80	5.50	6.58	39	25.50	24.30	19.00	20.08
13	12.50	11.30	6.00	7.08	40	26.00	24.80	19.50	20.58
14	13.00	11.80	6.50	7.58	41	26.50	25.30	20.00	21.08
15	13.50	12.30	7.00	8.08	42	27.00	25.80	20.50	21.58
16	14.00	12.80	7.50	8.58	43	27.50	26.30	21.00	22.08
17	14.50	13.30	8.00	9.08	44	28.00	26.80	21.50	22.58
18	15.00	13.80	8.50	9.58	45	28.50	27.30	22.00	23.08
19	15.50	14.30	9.00	10.08	50	31.00	29.80	24.50	25.58
20	16.00	14.80	9.50	10.58	51	31.50	30.30	25.00	26.08
21	16.50	15.30	10.00	11.08	52	32.00	30.80	25.50	26.58
22	17.00	15.80	10.50	11.58	53	32.50	31.30	26.00	27.08
23	17.50	16.30	11.00	12.08	54	33.00	31.80	26.50	27.58
24	18.00	16.80	11.50	12.58	55	33.50	32.30	27.00	28.08
25	18.50	17.30	12.00	13.08	56	34.00	32.80	27.50	28.58
26	19.00	17.80	12.50	13.58	57	34.50	33.30	28.00	29.08
27	19.50	18.30	13.00	14.08	58	35.00	33.80	28.50	29.58
28	20.00	18.80	13.50	14.58	59	35.50	34.30	29.00	30.08
29	20.50	19.30	14.00	15.08	60	36.00	34.80	29.50	30.58
30	21.00	19.80	14.50	15.58					



Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: $30\text{m}\Omega$ Max
Insulation resistance: $500\text{M}\Omega$ Min
Withstand voltage: 200V AC

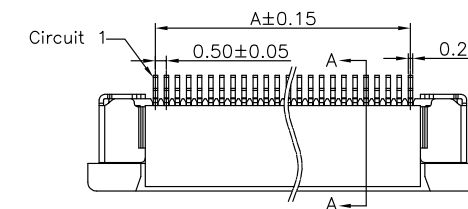
Assembly layout



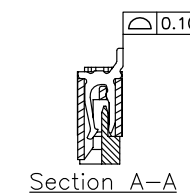
Recommended FPC Dimension

F050520F9-1XX2XX0X

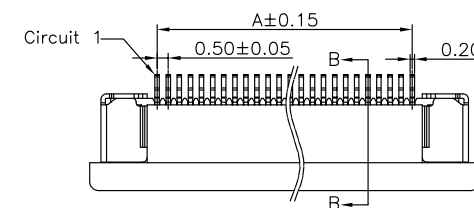
Pitch 0.50mm 90° Single row SMT FPC/FFC



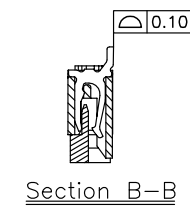
01-UPPER CONTACT



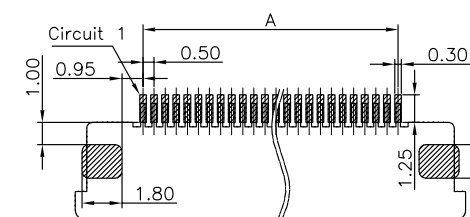
Section A-A



02-LOWER CONTACT



Section B-B



PCB Layout

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts:All Au G/F

SERIES NO: F0505 20 F 9-1 XX 2 X X 0X
HEIGHT: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: 01-UPPER CONTACT 02-LOWER CONTACT
COLOR: S-NATURE
PLATING: D-MATTE Tin
TERMIPOINT: 2-SMT
PIN Q'PY: 04~29

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	1.50	2.50	7.60	33	16.00	17.00	22.10
05	2.00	3.00	8.10	34	16.50	17.50	22.60
06	2.50	3.50	8.60	35	17.00	18.00	23.10
07	3.00	4.00	9.10	36	17.50	18.50	23.60
08	3.50	4.50	9.60	37	18.00	19.00	24.10
09	4.00	5.00	10.10	38	18.50	19.50	24.60
10	4.50	5.50	10.60	39	19.00	20.00	25.10
11	5.00	6.00	11.10	40	19.50	20.50	25.60
12	5.50	6.50	11.60	41	20.00	21.00	26.10
13	6.00	7.00	12.10	42	20.50	21.50	26.60
14	6.50	7.50	12.60	43	21.00	22.00	27.10
15	7.00	8.00	13.10	44	21.50	22.50	27.60
16	7.50	8.50	13.60	45	22.00	23.00	28.10
17	8.00	9.00	14.10	46	22.50	23.50	28.60
18	8.50	9.50	14.60	47	23.00	24.00	29.10
19	9.00	10.00	15.10	48	23.50	24.50	29.60
20	9.50	10.50	15.60	49	24.00	25.00	30.10
21	10.00	11.00	16.10	50	24.50	25.50	30.60
22	10.50	11.50	16.60	51	25.00	26.00	31.10
23	11.00	12.00	17.10	52	25.50	26.50	31.60
24	11.50	12.50	17.60	53	26.00	27.00	32.10
25	12.00	13.00	18.10	54	26.50	27.50	32.60
26	12.50	13.50	18.60	55	27.00	28.00	33.10
27	13.00	14.00	19.10	56	27.50	28.50	33.60
28	13.50	14.50	19.60	57	28.00	29.00	34.10
29	14.00	15.00	20.10	58	28.50	29.50	34.60
30	14.50	15.50	20.60	59	29.00	30.00	35.10
31	15.00	16.00	21.10	60	29.50	30.50	35.60
32	15.50	16.50	21.60				

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 250V AC

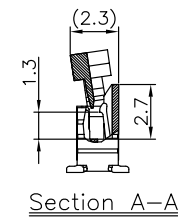
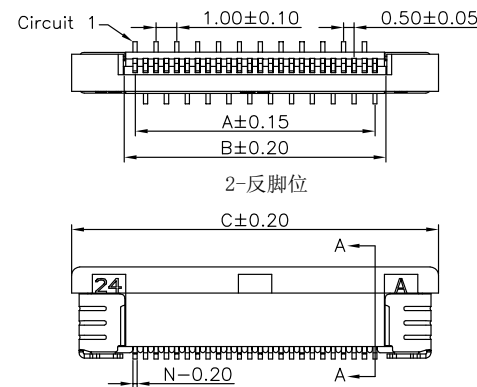
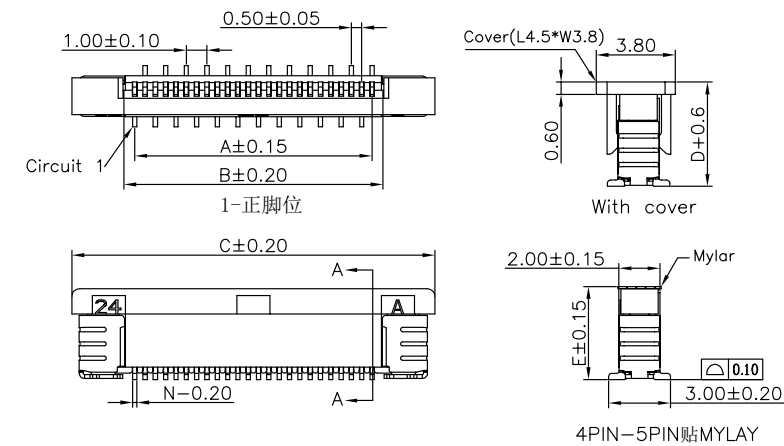
F050545F0-1XX2XX0X

Pitch 0.50mm 180° Single row SMT FPC/FFC

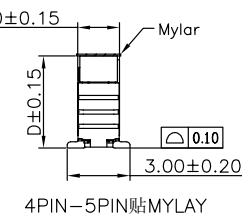
Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: Matte Tin

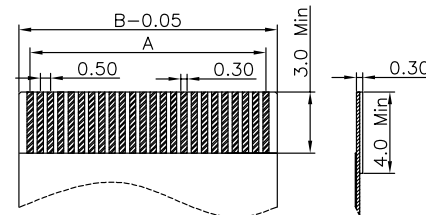
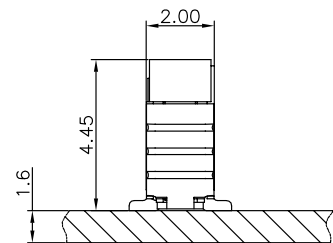
SERIES NO: F0505 45 F 0-1 XX 2 X X 0X
 HEIGHT: 45: 4.5mm
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 ROW NO: 1-SINGLE ROW
 PIN Q' PY: 04~60
 TYPE:
 1-正脚位
 2-反脚位
 COLOR:
 A-BLACK
 S-NATURE
 PLATING:
 A-ALL AU G/F
 C-BRIGHE TIN
 D-MATTE TIN
 TERMIPOINT:
 2-SMT



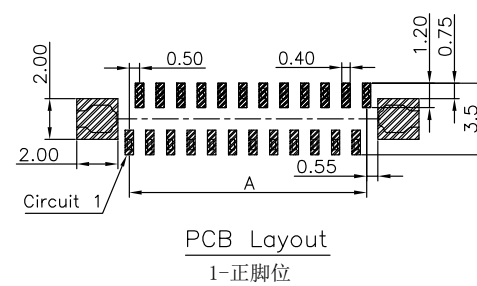
Section A-A



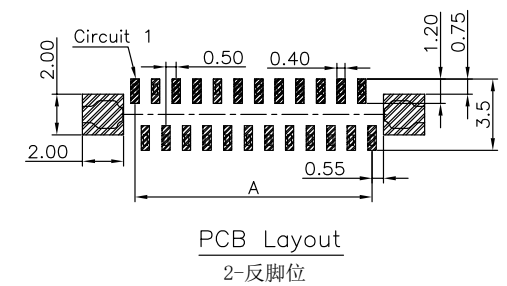
Assembly layout



Recommended FPC Dimension

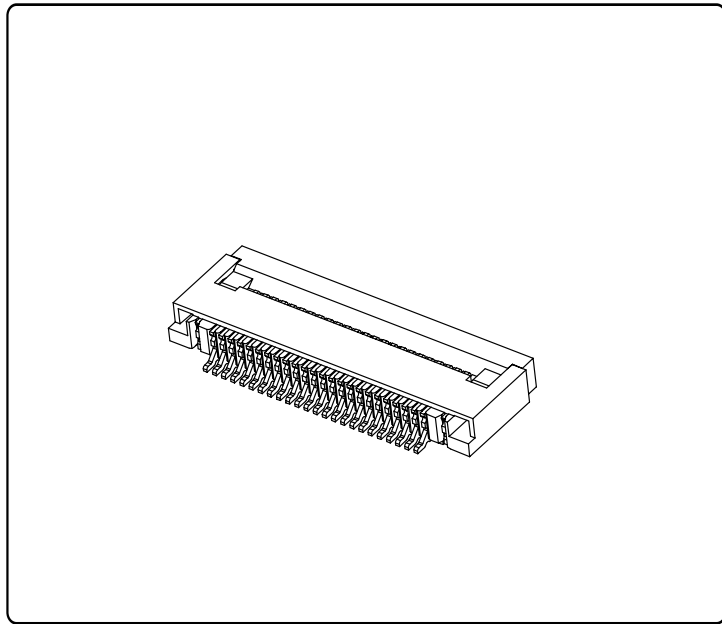


PCB Layout
1-正脚位



PCB Layout
2-反脚位

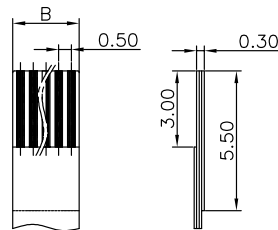
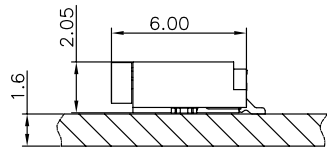
Circuit	Dimensions(mm)					Circuit	Dimensions(mm)				
	A	B	C	D	E		A	B	C	D	E
04	1.50	2.56	7.60	6.88		33	16.00	17.06	22.10	21.38	4.45
05	2.00	3.06	8.10	7.38		34	16.50	17.56	22.60	21.88	
06	2.50	3.56	8.60	7.88		35	17.00	18.06	23.10	22.38	5.00
07	3.00	4.06	9.10	8.38		36	17.50	18.56	23.60	22.88	
08	3.50	4.56	9.60	8.88		37	18.00	19.06	24.10	23.38	
09	4.00	5.06	10.10	9.38		38	18.50	19.56	24.60	23.88	
10	4.50	5.56	10.60	9.88		39	19.00	20.06	25.10	24.38	
11	5.00	6.06	11.10	10.38		40	19.50	20.56	25.60	24.88	
12	5.50	6.56	11.60	10.88		41	20.00	21.06	26.10	25.38	
13	6.00	7.06	12.10	11.38		42	20.50	21.56	26.60	25.88	
14	6.50	7.56	12.60	11.88		43	21.00	22.06	27.10	26.38	
15	7.00	8.06	13.10	12.38		44	21.50	22.56	27.60	26.88	
16	7.50	8.56	13.60	12.88		45	22.00	23.06	28.10	27.38	
17	8.00	9.06	14.10	13.38		46	22.50	23.56	28.60	27.88	
18	8.50	9.56	14.60	13.88		47	23.00	24.06	29.10	28.38	
19	9.00	10.06	15.10	14.38		48	23.50	24.56	29.60	28.88	
20	9.50	10.56	15.60	14.88		49	24.00	25.06	30.10	29.38	
21	10.00	11.06	16.10	15.38		50	24.50	25.56	30.60	29.88	
22	10.50	11.56	16.60	15.88		51	25.00	26.06	31.10	30.38	
23	11.00	12.06	17.10	16.38		52	25.50	26.56	31.60	30.88	
24	11.50	12.56	17.60	16.88		53	26.00	27.06	32.10	31.38	
25	12.00	13.06	18.10	17.38		54	26.50	27.56	32.60	31.88	
26	12.50	13.56	18.60	17.88		55	27.00	28.06	33.10	32.38	
27	13.00	14.06	19.10	18.38		56	27.50	28.56	33.60	32.88	
28	13.50	14.56	19.60	18.88		57	28.00	29.06	34.10	33.38	
29	14.00	15.06	20.10	19.38		58	28.50	29.56	34.60	33.88	
30	14.50	15.56	20.60	19.88		59	29.00	30.06	35.10	34.38	
31	15.00	16.06	21.10	20.38		60	29.50	30.56	35.60	34.88	
32	15.50	16.56	21.60	20.88							



Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: 30mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 200V AC

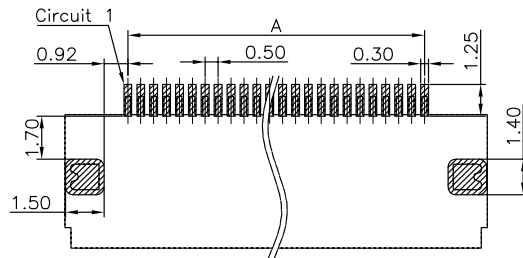
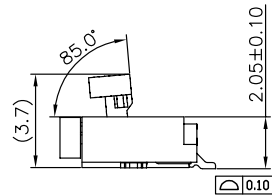
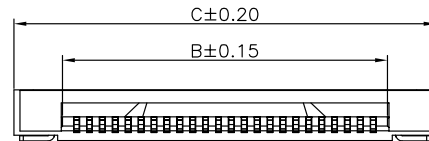
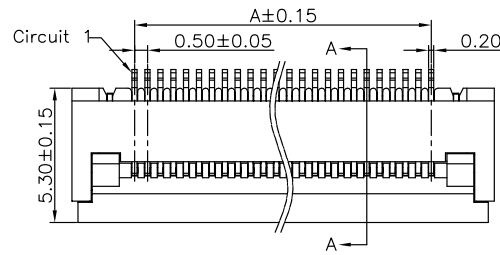
Assembly layout



Recommended FPC Dimension

F050620F9-1XX2XX01

Pitch 0.50mm 90° Single row SMT FPC/FFC



PCB Layout

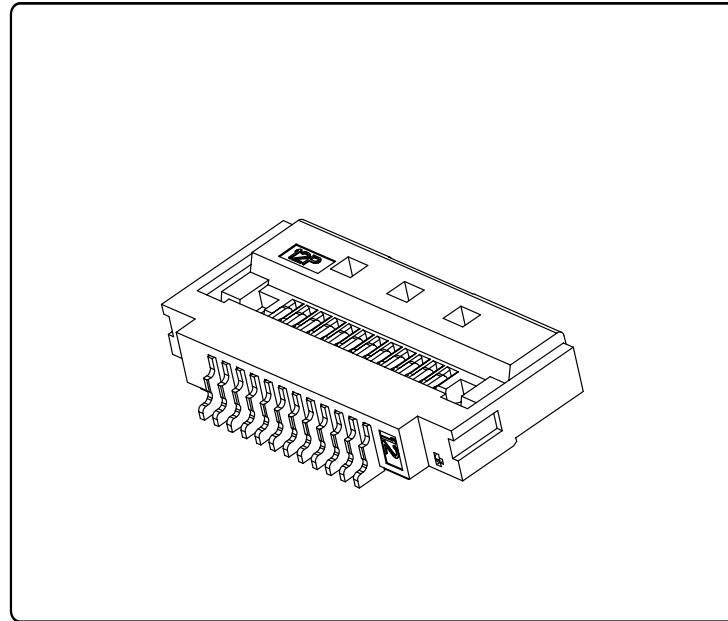
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte Tin

SERIES NO: F0506 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: M-BEIGE
PLATING: 1-G/F, A-ALL AU G/F, D-MATTE Tin
TERMINALPOINT: 2-SMT
PIN Q'PY: 04~60

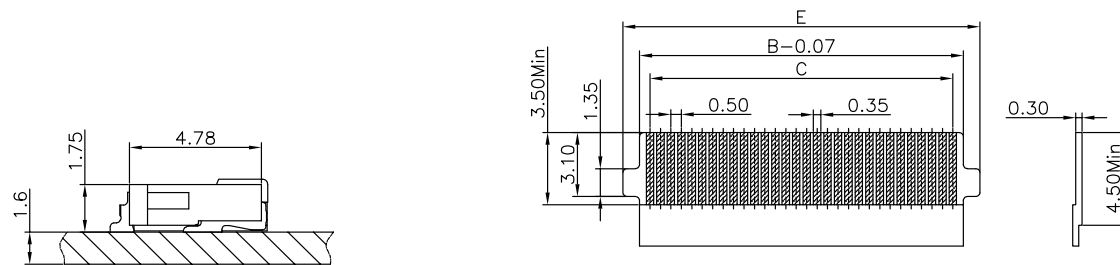
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	1.50	2.50	6.37	33	16.00	17.00	20.87
05	2.00	3.00	6.87	34	16.50	17.50	21.37
06	2.50	3.50	7.37	35	17.00	18.00	21.87
07	3.00	4.00	7.87	36	17.50	18.50	22.37
08	3.50	4.50	8.37	37	18.00	19.00	22.87
09	4.00	5.00	8.87	38	18.50	19.50	23.37
10	4.50	5.50	9.37	39	19.00	20.00	23.87
11	5.00	6.00	9.87	40	19.50	20.50	24.37
12	5.50	6.50	10.37	41	20.00	21.00	24.87
13	6.00	7.00	10.87	42	20.50	21.50	25.37
14	6.50	7.50	11.37	43	21.00	22.00	25.87
15	7.00	8.00	11.87	44	21.50	22.50	26.37
16	7.50	8.50	12.37	45	22.00	23.00	26.87
17	8.00	9.00	12.87	46	22.50	23.50	27.37
18	8.50	9.50	13.37	47	23.00	24.00	27.87
19	9.00	10.00	13.87	48	23.50	24.50	28.37
20	9.50	10.50	14.37	49	24.00	25.00	28.87
21	10.00	11.00	14.87	50	24.50	25.50	29.37
22	10.50	11.50	15.37	51	25.00	26.00	29.87
23	11.00	12.00	15.87	52	25.50	26.50	30.37
24	11.50	12.50	16.37	53	26.00	27.00	30.87
25	12.00	13.00	16.87	54	26.50	27.50	31.37
26	12.50	13.50	17.37	55	27.00	28.00	31.87
27	13.00	14.00	17.87	56	27.50	28.50	32.37
28	13.50	14.50	18.37	57	28.00	29.00	32.87
29	14.00	15.00	18.87	58	28.50	29.50	33.37
30	14.50	15.50	19.37	59	29.00	30.00	33.87
31	15.00	16.00	19.87	60	29.50	30.50	34.37
32	15.50	16.50	20.37				



Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: $50\text{m}\Omega$ Max
Insulation resistance: $500\text{M}\Omega$ Min
Withstand voltage: 150V AC

Assembly layout



Recommended FPC Dimension

F050720F9-1XX2XX01

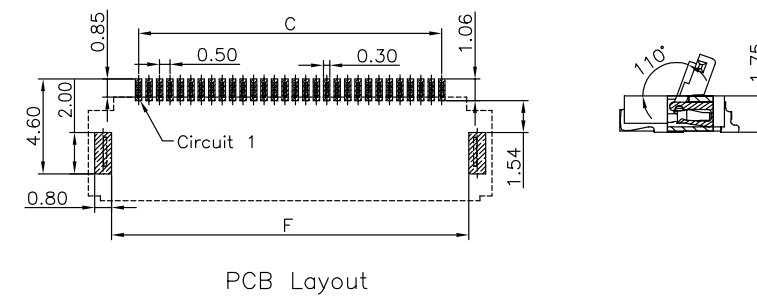
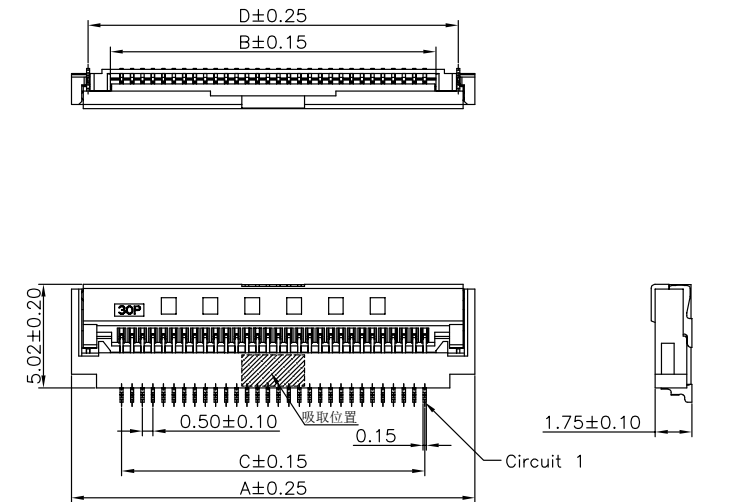
Pitch 0.50mm 90° Single row SMT FPC/FFC

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: G/F

Series NO: F0507 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: S-NATURE
PLATING: 1-G/F, D-MATTE Tin
TERMINPOINT: 2-SMT
PIN Q'PY: 05~80



Circuit	Dimensions(mm)					
	A	B	C	D	E	F
05	6.80	3.07	2.00	5.20	4.60	4.60
06	7.30	3.57	2.50	5.70	5.10	5.10
07	7.80	4.07	3.00	6.20	5.60	5.60
08	8.30	4.57	3.50	6.70	6.10	6.10
09	8.80	5.07	4.00	7.20	6.60	6.60
10	9.30	5.57	4.50	7.70	7.10	7.10
11	9.80	6.07	5.00	8.20	7.60	7.60
12	10.30	6.57	5.50	8.70	8.10	8.10
13	10.80	7.07	6.00	9.20	8.60	8.60
14	11.30	7.57	6.50	9.70	9.10	9.10
15	11.80	8.07	7.00	10.20	9.60	9.60
16	12.30	8.57	7.50	10.70	10.10	10.10
17	12.80	9.07	8.00	11.20	10.60	10.60
18	13.30	9.57	8.50	11.70	11.10	11.10
19	13.80	10.07	9.00	12.20	11.60	11.60
20	14.30	10.57	9.50	12.70	12.10	12.10
21	14.80	11.07	10.00	13.20	12.60	12.60
22	15.30	11.57	10.50	13.70	13.10	13.10
23	15.80	12.07	11.00	14.20	13.60	13.60
24	16.30	12.57	11.50	14.70	14.10	14.10
25	16.80	13.07	12.00	15.20	14.60	14.60
26	17.30	13.57	12.50	15.70	15.10	15.10
27	17.80	14.07	13.00	16.20	15.60	15.60
28	18.30	14.57	13.50	16.70	16.10	16.10
29	18.80	15.07	14.00	17.20	16.60	16.60
30	19.30	15.57	14.50	17.70	17.10	17.10
31	19.80	16.07	15.00	18.20	17.60	17.60
32	20.30	16.57	15.50	18.70	18.10	18.10
33	20.80	17.07	16.00	19.20	18.60	18.60
34	21.30	17.57	16.50	19.70	19.10	19.10
35	21.80	18.07	17.00	20.20	19.60	19.60
36	22.30	18.57	17.50	20.70	20.10	20.10
37	22.80	19.07	18.00	21.20	20.60	20.60
38	23.30	19.57	18.50	21.70	21.10	21.10
39	23.80	20.07	19.00	22.20	21.60	21.60
40	24.30	20.57	19.50	22.70	22.10	22.10
...
80	44.30	40.57	39.50	42.70	42.10	42.10

F080116F9-1XX2XX01

Pitch 0.80mm 90° Double row SMT FPC/FFC

Specifications

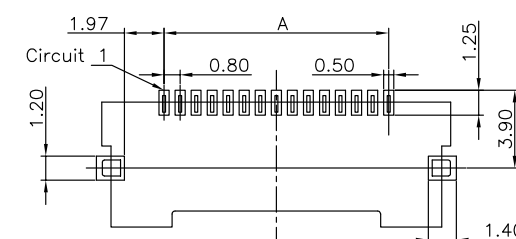
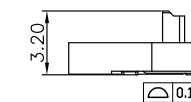
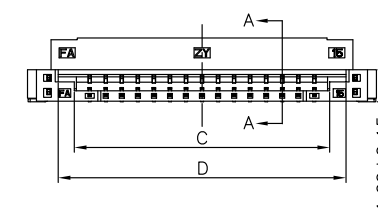
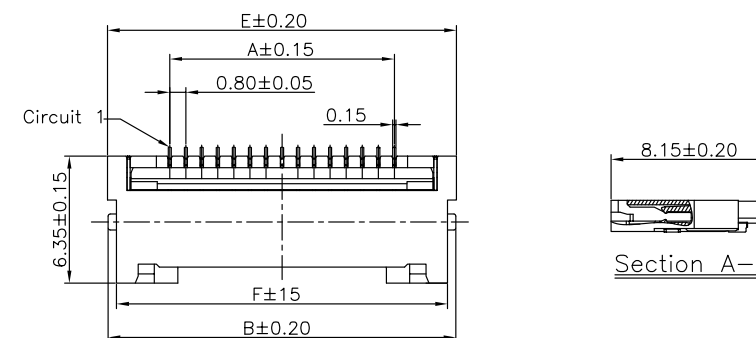
Temperature range: -40°C~+85°C
Voltage rating: 50V
Current rating: 0.4A
Contact resistance: 60mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 500V AC

Specifications

MATERIAL SPECIFICATION:
Housing: LCP, 94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: G/F

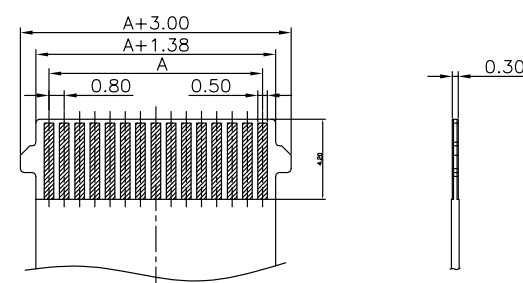
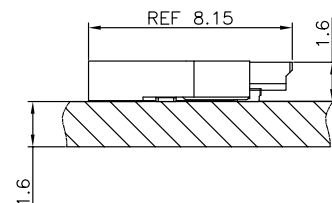
SERIES NO: F0801 16 F 9-1 XX 2 X X 01
HEIGHT: 16: 1.6mm
MALE FEMALE: 1-G/F
F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: M-BEIGE
S-NATURE
PLATING: 1-G/F
A-ALL AU G/F
C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~40



PCB Layout

Circuit	Dimensions(mm)					
	A	B	C	D	E	F
04	2.40	8.55	3.93	5.55	8.60	8.55
05	3.20	9.35	4.73	6.35	9.40	9.35
06	4.00	10.15	5.53	7.15	10.20	10.15
07	4.80	10.95	6.33	7.95	11.00	10.95
08	5.60	11.75	7.13	8.75	11.80	11.75
09	6.40	12.55	7.93	9.55	12.60	12.55
10	7.20	13.35	8.73	10.35	13.40	13.35
11	8.00	14.15	9.53	11.15	14.20	14.15
12	8.80	14.95	10.33	11.95	15.00	14.95
13	9.60	15.75	11.13	12.75	15.80	15.75
14	10.40	16.55	11.93	13.55	16.60	16.55
15	11.20	17.35	12.73	14.35	17.40	17.35
16	12.00	18.15	13.53	15.15	18.20	18.15
17	12.80	18.95	14.33	15.95	19.00	18.95
18	13.60	19.75	15.13	16.75	19.80	19.75
19	14.40	20.55	15.93	17.55	20.60	20.55
20	15.20	21.35	16.73	18.35	21.40	21.35
21	16.00	22.15	17.53	19.15	22.20	22.15
22	16.80	22.95	18.33	19.95	23.00	22.95
23	17.60	23.75	19.13	20.75	23.80	23.75
24	18.40	24.55	19.93	21.55	24.60	24.55
25	19.20	25.35	20.73	22.35	25.40	25.35
26	20.00	26.15	21.53	23.15	26.20	26.15
27	20.80	26.95	22.33	23.95	27.00	26.95
28	21.60	27.75	23.13	24.75	27.80	27.75
29	22.40	28.55	23.93	25.55	28.60	28.55
30	23.20	29.35	24.73	26.35	29.40	29.35
31	24.00	30.15	25.53	27.15	30.20	30.15
32	24.80	30.95	26.33	27.95	31.00	30.95
33	25.60	31.75	27.13	28.75	31.80	31.75
34	26.40	32.55	27.93	29.55	32.60	32.55
35	27.20	33.35	28.73	30.35	33.40	33.35
36	28.00	34.15	29.53	31.15	34.20	34.15
37	28.80	34.95	30.33	31.95	35.00	34.95
38	29.60	35.75	31.13	32.75	35.80	35.75
39	30.40	36.55	31.93	33.55	36.60	36.55
40	31.20	37.35	32.73	34.35	37.40	37.35

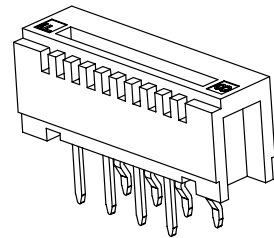
Assembly layout



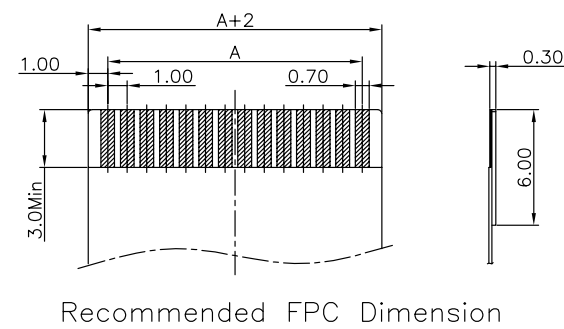
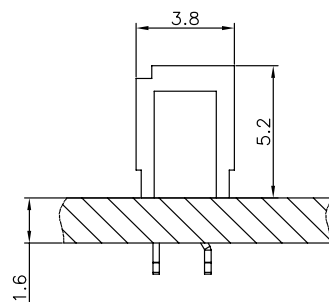
Recommended FPC Dimension

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: 40mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 250V AC



Assembly layout



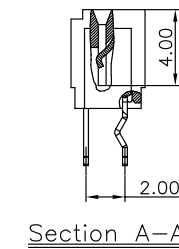
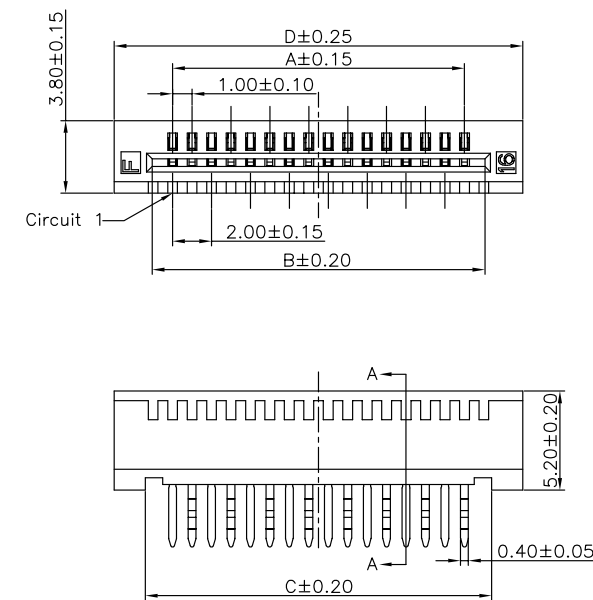
F100152F0-2XX1XX01

Pitch 1.00mm 180° Double row DIP FPC/FFC

Specifications

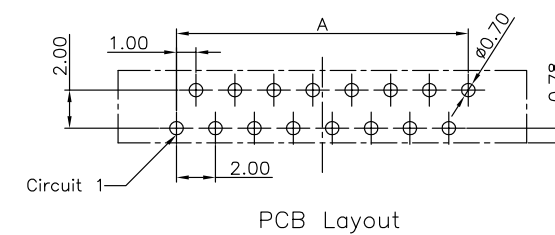
MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

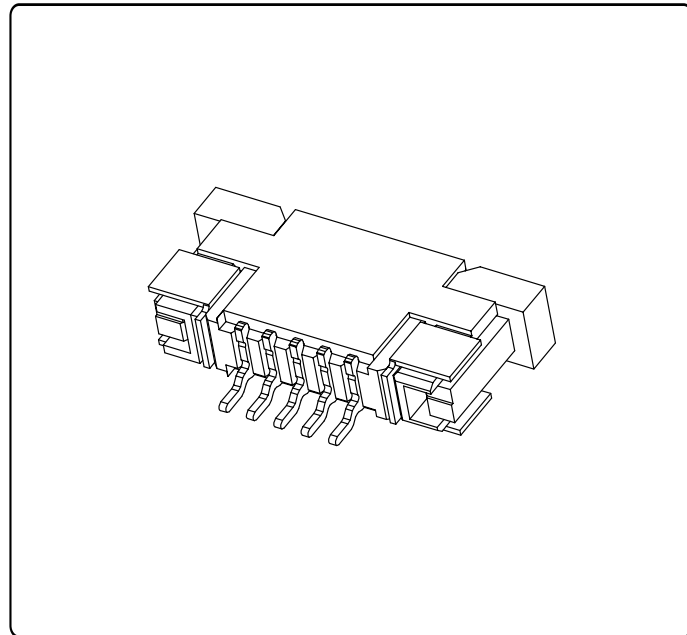
PLATING SPECIFICATION:
Contacts: Matte Tin



SERIES NO: F1001 52 F 0-2 XX 1 X X 01
HEIGHT: 52: 5.2mm
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 2-DOUBLE ROW
COLOR: S-NATURE
PLATING: A-ALL AU G/F D-MATTE TIN
TERMPPOINT: 1-DIP
PIN Q'PY: 04~30

Circuit	Dimensions(mm)			
	A	B	C	D
04	3.00	5.10	5.80	9.00
05	4.00	6.10	6.80	10.00
06	5.00	7.10	7.80	11.00
07	6.00	8.10	8.80	12.00
08	7.00	9.10	9.80	13.00
09	8.00	10.10	10.80	14.00
10	9.00	11.10	11.80	15.00
11	10.00	12.10	12.80	16.00
12	11.00	13.10	13.80	17.00
13	12.00	14.10	14.80	18.00
14	13.00	15.10	15.80	19.00
15	14.00	16.10	16.80	20.00
16	15.00	17.10	17.80	21.00
17	16.00	18.10	18.80	22.00
18	17.00	19.10	19.80	23.00
19	18.00	20.10	20.80	24.00
20	19.00	21.10	21.80	25.00
21	20.00	22.10	22.80	26.00
22	21.00	23.10	23.80	27.00
23	22.00	24.10	24.80	28.00
24	23.00	25.10	25.80	29.00
25	24.00	26.10	26.80	30.00
26	25.00	27.10	27.80	31.00
27	26.00	28.10	28.80	32.00
28	27.00	29.10	29.80	33.00
29	28.00	30.10	30.80	34.00
30	29.00	31.10	31.80	35.00

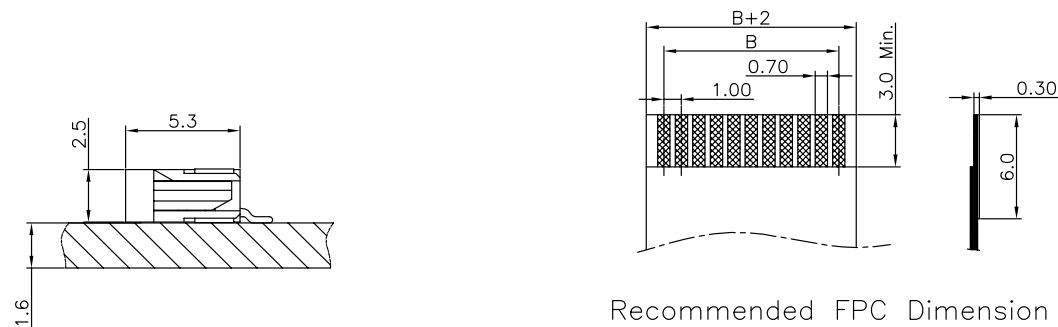




Specifications

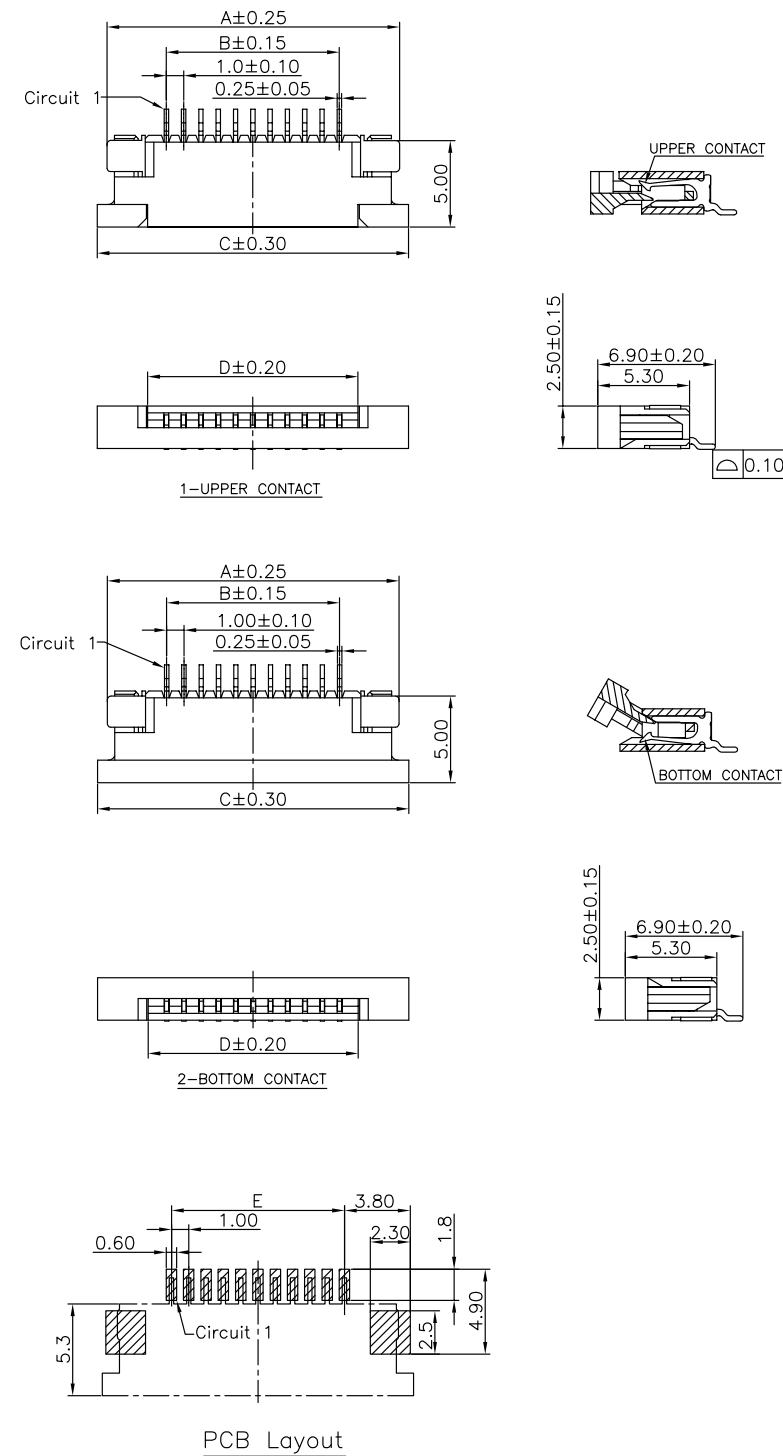
Temperature range: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 30V
 Current rating: 0.5A
 Contact resistance: 20m Ω Max
 Insulation resistance: 100M Ω Min
 Withstand voltage: 250V AC

Assembly layout



F100325F9-1XX2XXX01

Pitch 1.00mm 90° Single row SMT FPC/FFC

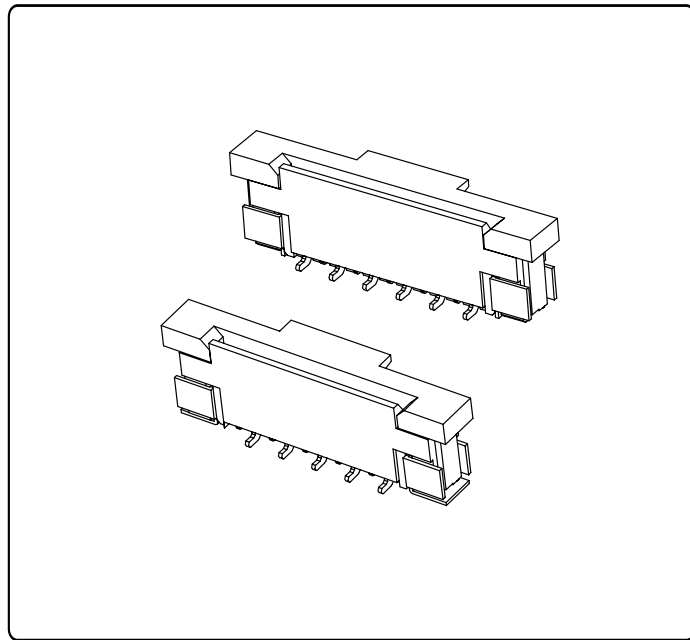


Specifications

MATERIAL SPECIFICATION:
 Housing: PA9T,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts:Brighe tin

SERIES NO: F1003 25 F 9-1 XX 2 X X X 01
 HEIGHT: 25: 2.5mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 PIN Q'PY: 04~34
 CONTACT: 1-UPPER CONTACT 2-BOTTOM CONTACT
 COLOR: S-NATURE
 PLATING: A-ALL AU G/F C-BRIGHT TIN D-MATTE TIN
 TERMIPOINT: 2-SMT

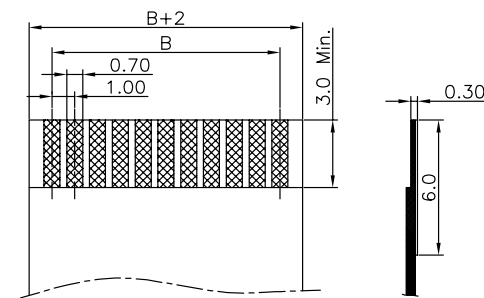
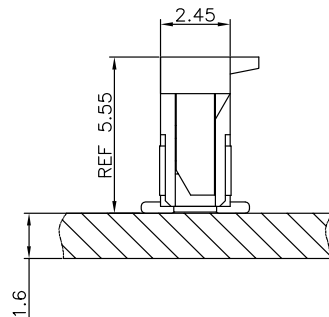
Circuit	Dimensions(mm)				
	A	B	C	D	E
04	10.00	3.00	11.00	5.05	3.00
05	11.00	4.00	12.00	6.05	4.00
06	12.00	5.00	13.00	7.05	5.00
07	13.00	6.00	14.00	8.05	6.00
08	14.00	7.00	15.00	9.05	7.00
09	15.00	8.00	16.00	10.05	8.00
10	16.00	9.00	17.00	11.05	9.00
11	17.00	10.00	18.00	12.05	10.00
12	18.00	11.00	19.00	13.05	11.00
13	19.00	12.00	20.00	14.05	12.00
14	20.00	13.00	21.00	15.05	13.00
15	21.00	14.00	22.00	16.05	14.00
16	22.00	15.00	23.00	17.05	15.00
17	23.00	16.00	24.00	18.05	16.00
18	24.00	17.00	25.00	19.05	17.00
19	25.00	18.00	26.00	20.05	18.00
20	26.00	19.00	27.00	21.05	19.00
21	27.00	20.00	28.00	22.05	20.00
22	28.00	21.00	29.00	23.05	21.00
23	29.00	22.00	30.00	24.05	22.00
24	30.00	23.00	31.00	25.05	23.00
25	31.00	24.00	32.00	26.05	24.00
26	32.00	25.00	33.00	27.05	25.00
27	33.00	26.00	34.00	28.05	26.00
28	34.00	27.00	35.00	29.05	27.00
29	35.00	28.00	36.00	30.05	28.00
30	36.00	29.00	37.00	31.05	29.00
31	37.00	30.00	38.00	32.05	30.00
32	38.00	31.00	39.00	33.05	31.00
33	39.00	32.00	40.00	34.05	32.00
34	40.00	33.00	41.00	35.05	33.00



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 30V
 Current rating: 0.5A
 Contact resistance: 20m Ω Max
 Insulation resistance: 100M Ω Min
 Withstand voltage: 250V AC

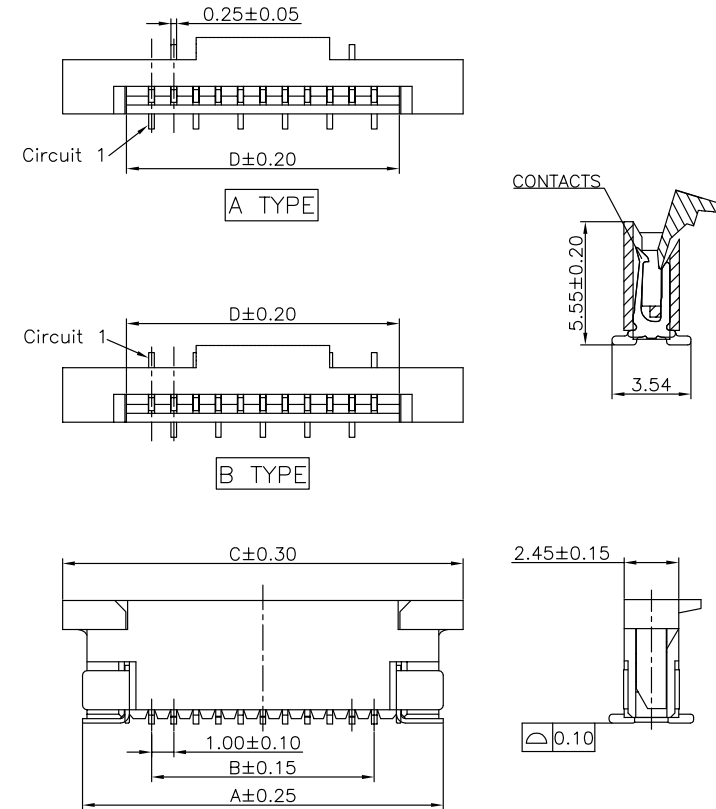
Assembly layout



Recommended FPC Dimension

F100355F0-2XX2XXX01

Pitch 1.00mm 180° Double row SMT FPC/FFC

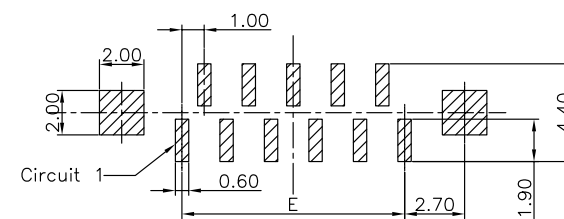


Specifications

MATERIAL SPECIFICATION:
 Housing: PA9T,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts:Brighe tin

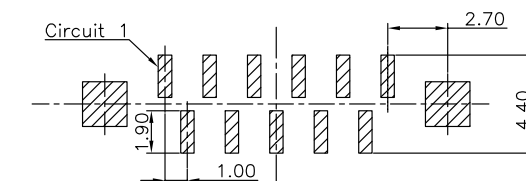
SERIES NO: F1003 55 F 0-2 XX 2 X X X 01
 HEIGHT: 55: 5.5mm
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 ROW NO: 2-DOUBLE ROW
 PIN Q' PY: 04~34
 CONTACT: 1-A TYPE(正脚位)
 2-B TYPE (反脚位)
 COLOR: S-NATURE
 PLATING: A-ALL AU G/F
 C-BRIGHE TIN
 D-MATTE TIN
 TERMIPOINT: 2-SMT

Circuit	Dimensions(mm)				
	A	B	C	D	E
04	9.85	3.00	11.00	5.05	3.00
05	10.85	4.00	12.00	6.05	4.00
06	11.85	5.00	13.00	7.05	5.00
07	12.85	6.00	14.00	8.05	6.00
08	13.85	7.00	15.00	9.05	7.00
09	14.85	8.00	16.00	10.05	8.00
10	15.85	9.00	17.00	11.05	9.00
11	16.85	10.00	18.00	12.05	10.00
12	17.85	11.00	19.00	13.05	11.00
13	18.85	12.00	20.00	14.05	12.00
14	19.85	13.00	21.00	15.05	13.00
15	20.85	14.00	22.00	16.05	14.00
16	21.85	15.00	23.00	17.05	15.00
17	22.85	16.00	24.00	18.05	16.00
18	23.85	17.00	25.00	19.05	17.00
19	24.85	18.00	26.00	20.05	18.00
20	25.85	19.00	27.00	21.05	19.00
21	26.85	20.00	28.00	22.05	20.00
22	27.85	21.00	29.00	23.05	21.00
23	28.85	22.00	30.00	24.05	22.00
24	29.85	23.00	31.00	25.05	23.00
25	30.85	24.00	32.00	26.05	24.00
26	31.85	25.00	33.00	27.05	25.00
27	32.85	26.00	34.00	28.05	26.00
28	33.85	27.00	35.00	29.05	27.00
29	34.85	28.00	36.00	30.05	28.00
30	35.85	29.00	37.00	31.05	29.00
31	36.85	30.00	38.00	32.05	30.00
32	37.85	31.00	39.00	33.05	31.00
33	38.85	32.00	40.00	34.05	32.00
34	39.85	33.00	41.00	35.05	33.00



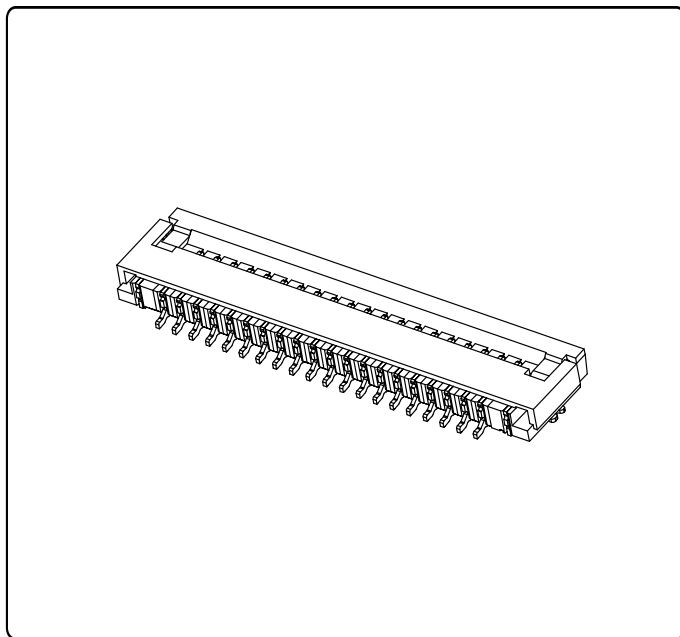
PCB Layout

A TYPE



PCB Layout

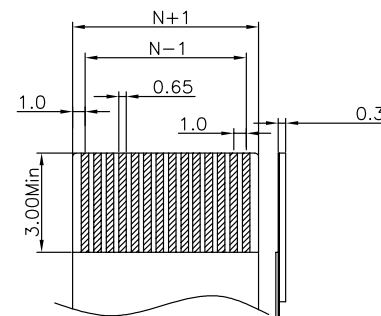
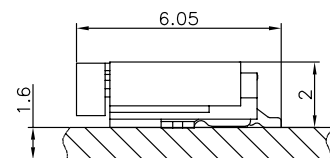
B TYPE



Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 125V
Current rating: 1.0A
Contact resistance: $30\text{m}\Omega$ Max
Insulation resistance: $500\text{M}\Omega$ Min
Withstand voltage: 500V AC

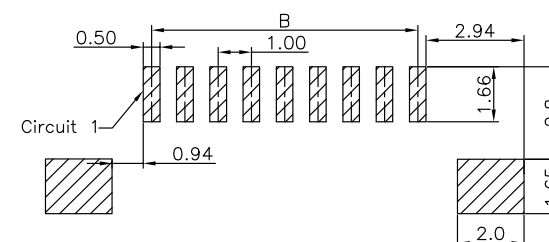
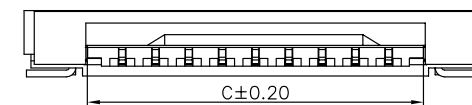
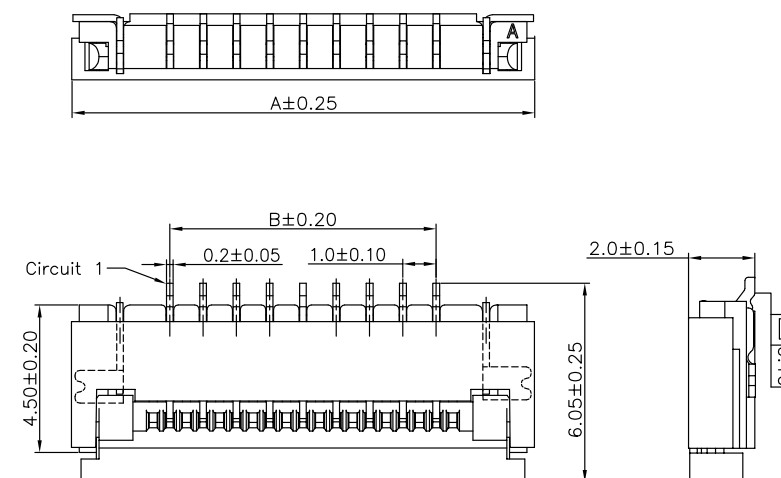
Assembly layout



Recommended FPC Dimension

F100420F9-1XX2XX01

Pitch 1.00mm 90° Single row SMT FPC/FFC



PCB Layout

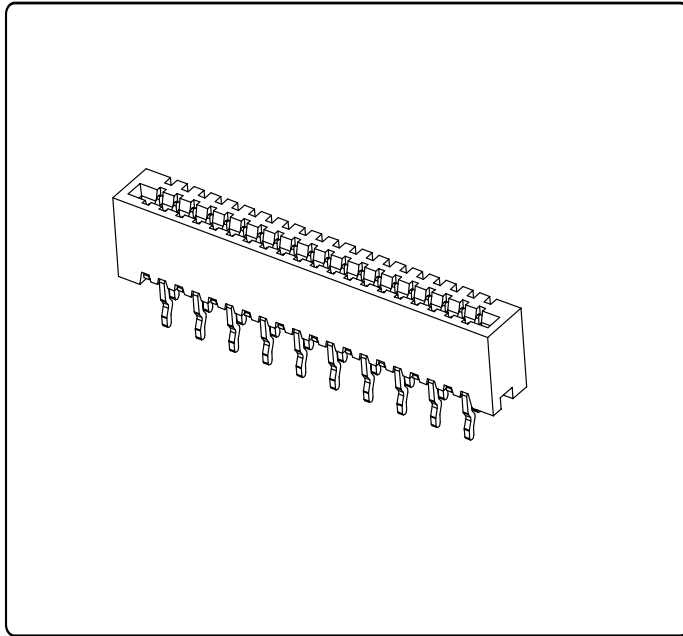
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Matte tin

SERIES NO: F1004 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: S-NATURE
PLATING: A-ALL AU G/F, D-MATTE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~39

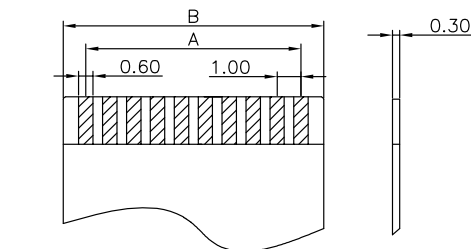
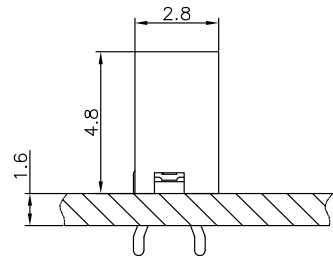
Circuit	Dimensions(mm)		
	A	B	C
04	8.90	3.00	5.10
05	9.90	4.00	6.10
06	10.90	5.00	7.10
07	11.90	6.00	8.10
08	12.90	7.00	9.10
09	13.90	8.00	10.10
10	14.90	9.00	11.10
11	15.90	10.00	12.10
12	16.90	11.00	13.10
13	17.90	12.00	14.10
14	18.90	13.00	15.10
15	19.90	14.00	16.10
16	20.90	15.00	17.10
17	21.90	16.00	18.10
18	22.90	17.00	19.10
19	23.90	18.00	20.10
20	24.90	19.00	21.10
21	25.90	20.00	22.10
22	26.90	21.00	23.10
23	27.90	22.00	24.10
24	28.90	23.00	25.10
25	29.90	24.00	26.10
26	30.90	25.00	27.10
27	31.90	26.00	28.10
28	32.90	27.00	29.10
29	33.90	28.00	30.10
30	34.90	29.00	31.10
31	35.90	30.00	32.10
32	36.90	31.00	33.10
33	37.90	32.00	34.10
34	38.90	33.00	35.10
35	39.90	34.00	36.10
36	40.90	35.00	37.10
37	41.90	36.00	38.10
38	42.90	37.00	39.10
39	43.90	38.00	40.10



Specifications

Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1.0A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 500V AC

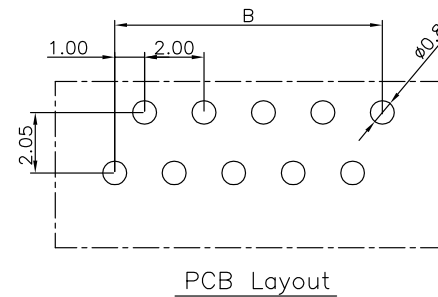
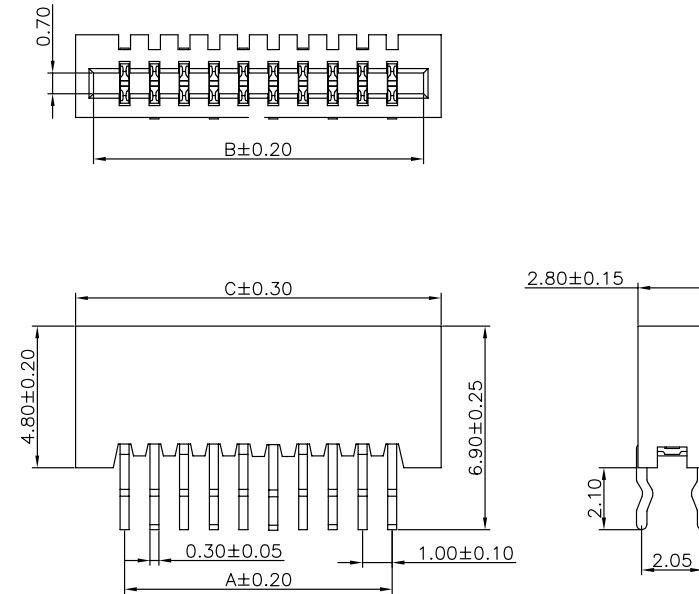
Assembly layout



Recommended FPC Dimension

F100548F0-1XX1XX01

Pitch 1.00mm 180° Single row DIP FPC/FFC

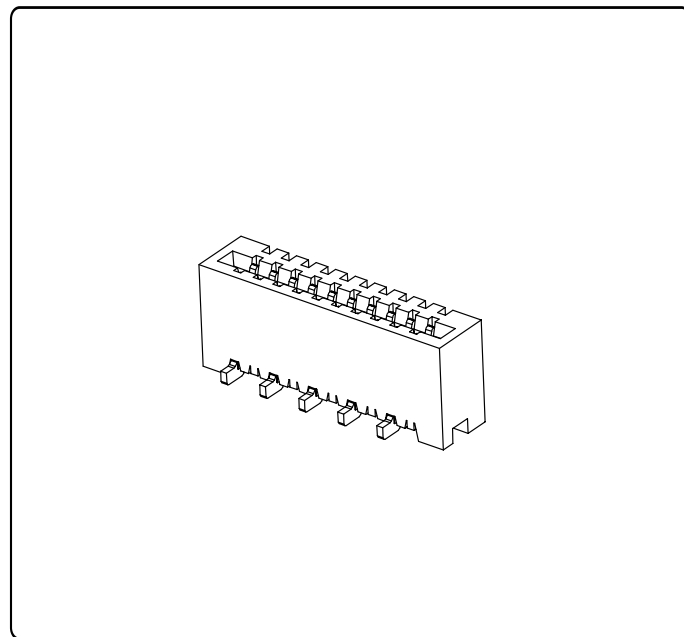


Specifications

MATERIAL SPECIFICATION:
 Housing: PA6T,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: Bright tin

SERIES NO: F1005 48 F 0-1 XX 1 X X 01
 HEIGHT: 48: 4.8mm
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 ROW NO: 1-SINGLE ROW
 COLOR: A-BLACK
 PLATING: C-BRIGHT TIN
 TERMPOINT: 1-DIP
 PIN Q'PY: 04~40

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	3.00	5.10	6.30	23	22.00	24.10	25.30
05	4.00	6.10	7.30	24	23.00	25.10	26.30
06	5.00	7.10	8.30	25	24.00	26.10	27.30
07	6.00	8.10	9.30	26	25.00	27.10	28.30
08	7.00	9.10	10.30	27	26.00	28.10	29.30
09	8.00	10.10	11.30	28	27.00	29.10	30.30
10	9.00	11.10	12.30	29	28.00	30.10	31.30
11	10.00	12.10	13.30	30	29.00	31.10	32.30
12	11.00	13.10	14.30	31	30.00	32.10	33.30
13	12.00	14.10	15.30	32	31.00	33.10	34.30
14	13.00	15.10	16.30	33	32.00	34.10	35.30
15	14.00	16.10	17.30	34	33.00	35.10	36.30
16	15.00	17.10	18.30	35	34.00	36.10	37.30
17	16.00	18.10	19.30	36	35.00	37.10	38.30
18	17.00	19.10	20.30	37	36.00	38.10	39.30
19	18.00	20.10	21.30	38	37.00	39.10	40.30
20	19.00	21.10	22.30	39	38.00	40.10	41.30
21	20.00	22.10	23.30	40	39.00	41.10	42.30
22	21.00	23.10	24.30				



Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 1.0A
Contact resistance: $30\text{m}\Omega$ Max
Insulation resistance: $100\text{M}\Omega$ Min
Withstand voltage: 500V AC

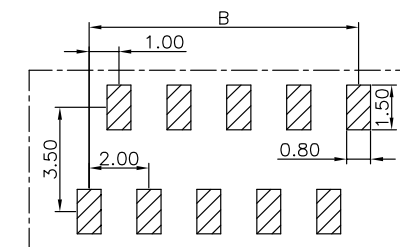
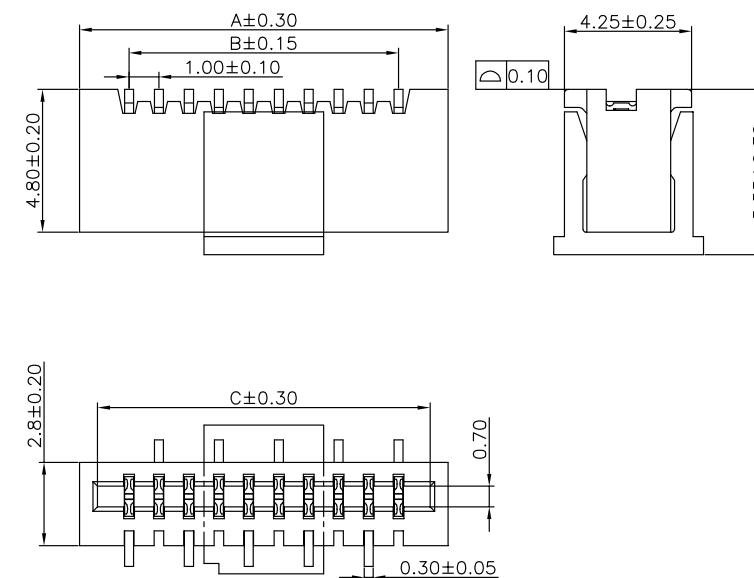
F100548F0-1XX2XX01

Pitch 1.00mm 180° Single row SMT FPC/FFC

Specifications

MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts: Bright tin

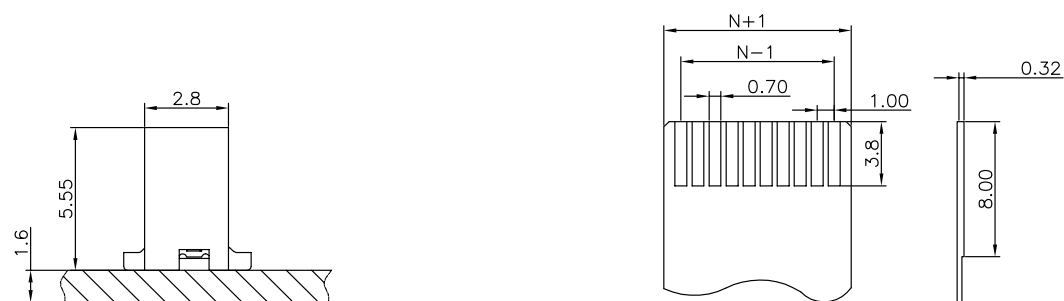
F1005 48 F 0-1 XX 2 X X 01
SERIES NO: 48 F 0-1 XX 2 X X 01
HEIGHT: 48: 4.8mm
MALE FEMALE: F-FEMALE
ANGLE: 0-180°
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK
PLATING: C-BRIGHT TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~40



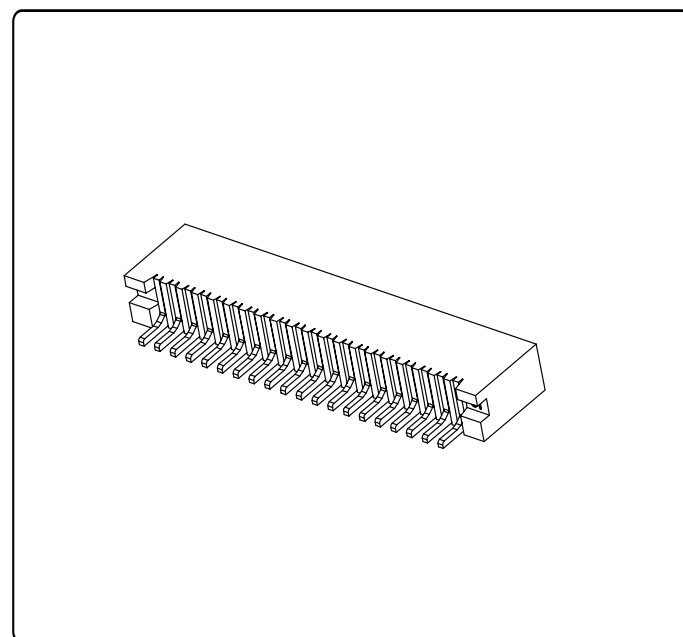
PCB Layout

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	6.30	3.00	5.10	23	25.30	22.00	24.10
05	7.30	4.00	6.10	24	26.30	23.00	25.10
06	8.30	5.00	7.10	25	27.30	24.00	26.10
07	9.30	6.00	8.10	26	28.30	25.00	27.10
08	10.30	7.00	9.10	27	29.30	26.00	28.10
09	11.30	8.00	10.10	28	30.30	27.00	29.10
10	12.30	9.00	11.10	29	31.30	28.00	30.10
11	13.30	10.00	12.10	30	32.30	29.00	31.10
12	14.30	11.00	13.10	31	33.30	30.00	32.10
13	15.30	12.00	14.10	32	34.30	31.00	33.10
14	16.30	13.00	15.10	33	35.30	32.00	34.10
15	17.30	14.00	16.10	34	36.30	33.00	35.10
16	18.30	15.00	17.10	35	37.30	34.00	36.10
17	19.30	16.00	18.10	36	38.30	35.00	37.10
18	20.30	17.00	19.10	37	39.30	36.00	38.10
19	21.30	18.00	20.10	38	40.30	37.00	39.10
20	22.30	19.00	21.10	39	41.30	38.00	40.10
21	23.30	20.00	22.10	40	42.30	39.00	41.10
22	24.30	21.00	23.10				

Assembly layout



Recommended FPC Dimension

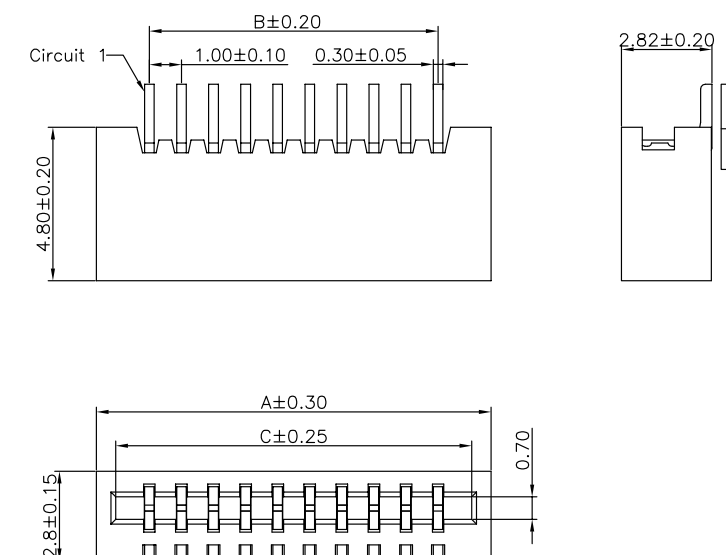


Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 1.0A
Contact resistance: $30\text{m}\Omega$ Max
Insulation resistance: $100\text{M}\Omega$ Min
Withstand voltage: 500V AC

F100528F9-1XX2XX01

Pitch 1.00mm 90° Single row SMT FPC/FFC



Specifications

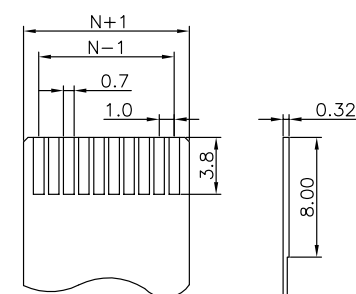
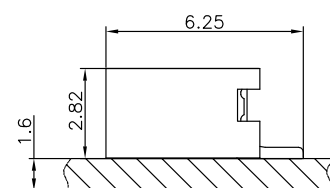
MATERIAL SPECIFICATION:
Housing: PA6T,94V-0
Contacts: Phosphor Bronze

PLATING SPECIFICATION:
Contacts: Bright tin

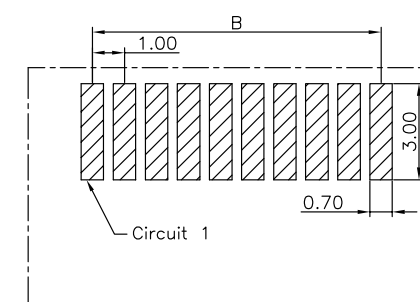
SERIES NO: F1005 28 F 9-1 XX 2 X X 01
HEIGHT: 28: 2.8mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: A-BLACK
PLATING: C-BRIGHT TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 04~40

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	6.30	3.00	5.10	23	25.30	22.00	24.10
05	7.30	4.00	6.10	24	26.30	23.00	25.10
06	8.30	5.00	7.10	25	27.30	24.00	26.10
07	9.30	6.00	8.10	26	28.30	25.00	27.10
08	10.30	7.00	9.10	27	29.30	26.00	28.10
09	11.30	8.00	10.10	28	30.30	27.00	29.10
10	12.30	9.00	11.10	29	31.30	28.00	30.10
11	13.30	10.00	12.10	30	32.30	29.00	31.10
12	14.30	11.00	13.10	31	33.30	30.00	32.10
13	15.30	12.00	14.10	32	34.30	31.00	33.10
14	16.30	13.00	15.10	33	35.30	32.00	34.10
15	17.30	14.00	16.10	34	36.30	33.00	35.10
16	18.30	15.00	17.10	35	37.30	34.00	36.10
17	19.30	16.00	18.10	36	38.30	35.00	37.10
18	20.30	17.00	19.10	37	39.30	36.00	38.10
19	21.30	18.00	20.10	38	40.30	37.00	39.10
20	22.30	19.00	21.10	39	41.30	38.00	40.10
21	23.30	20.00	22.10	40	42.30	39.00	41.10
22	24.30	21.00	23.10				

Assembly layout



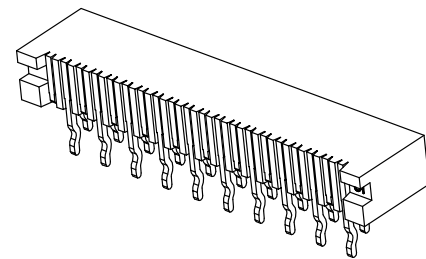
Recommended FPC Dimension



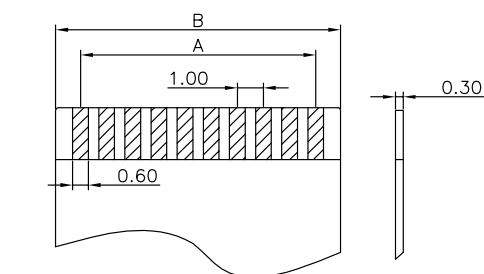
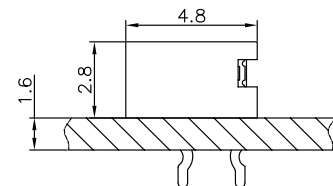
PCB Layout

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1.0A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $100\text{M}\Omega$ Min
 Withstand voltage: 500V AC



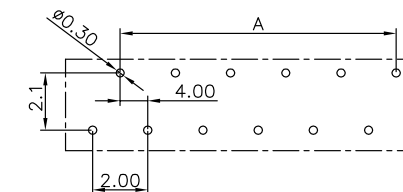
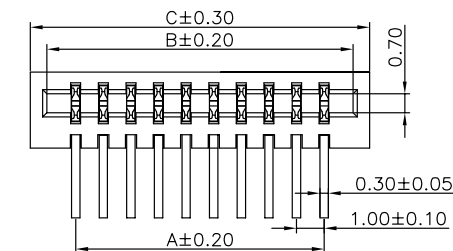
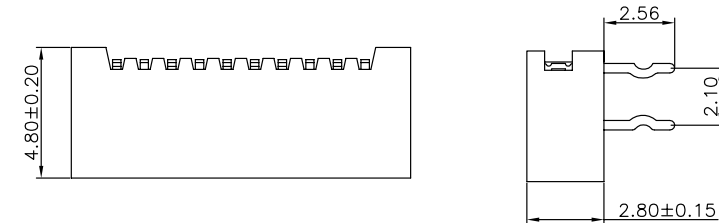
Assembly layout



Recommended FPC Dimension

F100528F9-1XX1XX01

Pitch 1.00mm 90° Single row DIP FPC/FFC



PCB Layout

Specifications

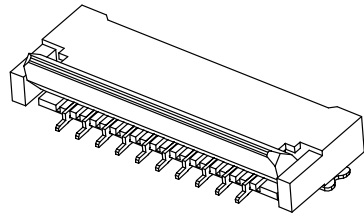
MATERIAL SPECIFICATION:
 Housing: PA6T,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: Bright tin

SERIES NO: F1005 28 F 9-1 XX 1 X X 01
 HEIGHT: 28: 2.8mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: A-BLACK
 PLATING: C-BRIGHT TIN
 TERMIPOINT: 1-DIP
 PIN Q'PY: 04~40

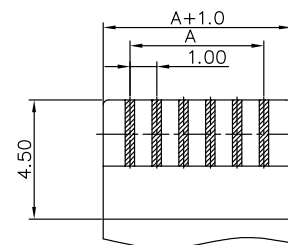
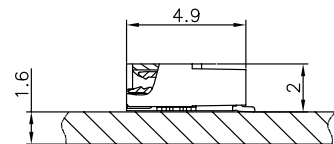
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
04	3.00	5.10	6.30	23	22.00	24.10	25.30
05	4.00	6.10	7.30	24	23.00	25.10	26.30
06	5.00	7.10	8.30	25	24.00	26.10	27.30
07	6.00	8.10	9.30	26	25.00	27.10	28.30
08	7.00	9.10	10.30	27	26.00	28.10	29.30
09	8.00	10.10	11.30	28	27.00	29.10	30.30
10	9.00	11.10	12.30	29	28.00	30.10	31.30
11	10.00	12.10	13.30	30	29.00	31.10	32.30
12	11.00	13.10	14.30	31	30.00	32.10	33.30
13	12.00	14.10	15.30	32	31.00	33.10	34.30
14	13.00	15.10	16.30	33	32.00	34.10	35.30
15	14.00	16.10	17.30	34	33.00	35.10	36.30
16	15.00	17.10	18.30	35	34.00	36.10	37.30
17	16.00	18.10	19.30	36	35.00	37.10	38.30
18	17.00	19.10	20.30	37	36.00	38.10	39.30
19	18.00	20.10	21.30	38	37.00	39.10	40.30
20	19.00	21.10	22.30	39	38.00	40.10	41.30
21	20.00	22.10	23.30	40	39.00	41.10	42.30
22	21.00	23.10	24.30				

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC



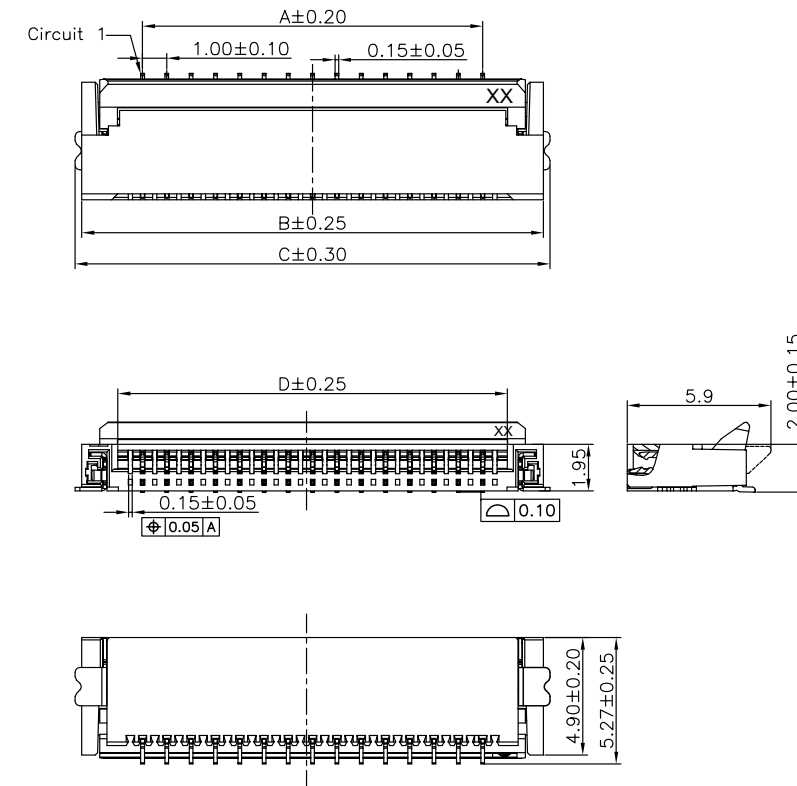
Assembly layout



Recommended FPC Dimension

F100620F9-1XX2XX01

Pitch 1.00mm 90° Single row SMT FPC/FFC

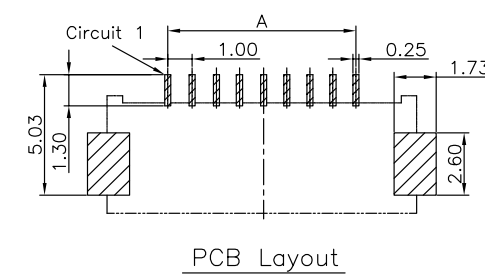


Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts:All AU G/F

F1006 20 F 9-1 XX 2 X X 01
 SERIES NO: _____
 HEIGHT: _____
 20: 2.0mm
 MALE FEMALE: _____
 F-FEMALE
 ANGLE: _____
 9-90°
 ROW NO: _____
 1-SINGLE ROW
 COLOR: _____
 S-NATURE
 PLATING: _____
 A-ALL AU G/F
 TERMIPOINT: _____
 2-SMT
 PIN Q'PY: _____
 04~26

Circuit	Dimensions(mm)			
	A	B	C	D
04	3.00	8.00	8.55	5.05
05	4.00	9.00	9.55	6.05
06	5.00	10.00	10.55	7.05
07	6.00	11.00	11.55	8.05
08	7.00	12.00	12.55	9.05
10	9.00	14.00	14.55	11.05
12	11.00	16.00	16.55	13.05
15	14.00	19.00	19.55	16.05
22	21.00	26.00	26.55	23.05
26	25.00	30.00	30.55	27.05

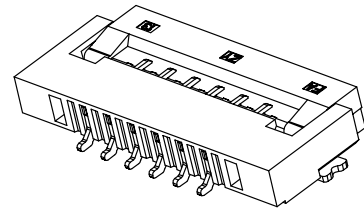


F100715F9-1XX2XX01

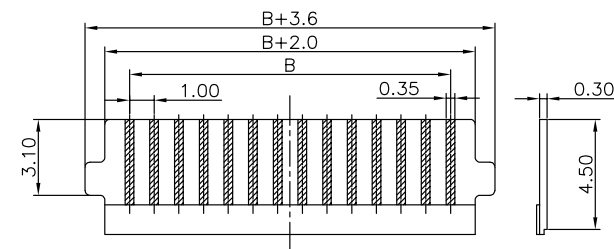
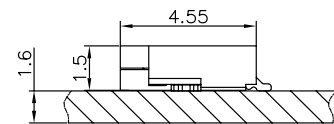
Pitch 1.00mm 90° Single row SMT FPC/FFC

Specifications

Temperature range: -25°C~+85°C
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: 40mΩ Max
Insulation resistance: 500MΩ Min
Withstand voltage: 250V AC



Assembly layout

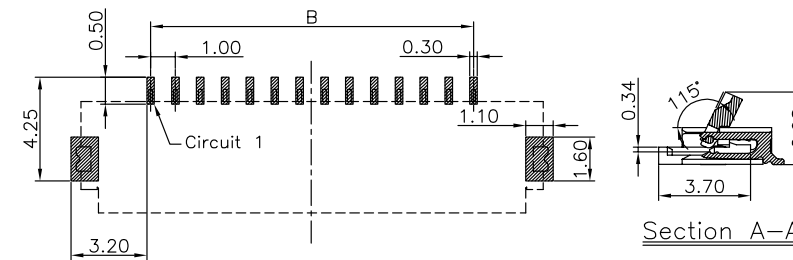
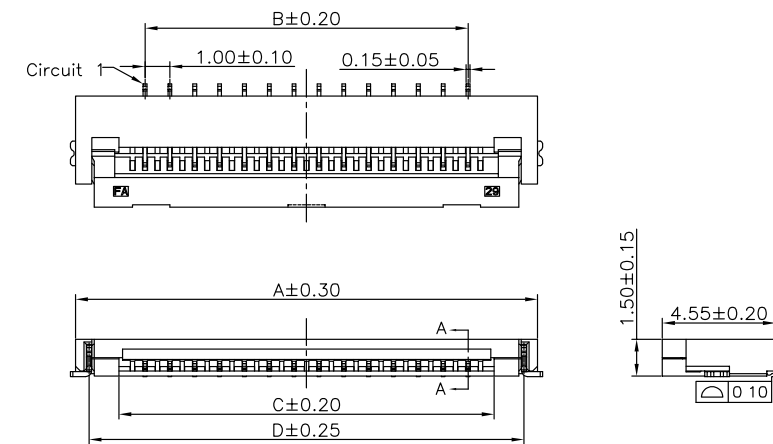


Recommended FPC Dimension

Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts:G/F

F1007 15 F 9-1 XX 2 X X 01
SERIES NO: 15 F 9-1 XX 2 X X 01
HEIGHT: 15: 1.50mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: S-NATURE
PLATING: 1-G/F
TERMIPOINT: 2-SMT
PIN Q'PY: 04~28

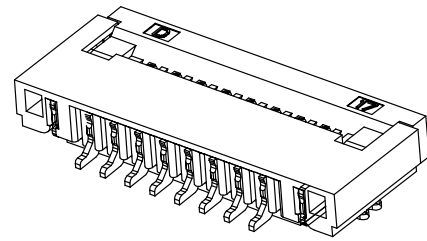


PCB Layout

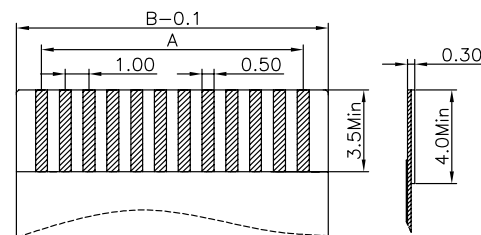
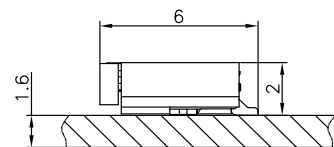
Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
04	8.60	3.00	5.10	7.50	17	21.60	16.00	18.10	20.50
05	9.60	4.00	6.10	8.50	18	22.60	17.00	19.10	21.50
06	10.60	5.00	7.10	9.50	19	23.60	18.00	20.10	22.50
07	11.60	6.00	8.10	10.50	20	24.60	19.00	21.10	23.50
08	12.60	7.00	9.10	11.50	21	25.60	20.00	22.10	24.50
09	13.60	8.00	10.10	12.50	22	26.60	21.00	23.10	25.50
10	14.60	9.00	11.10	13.50	23	27.60	22.00	24.10	26.50
11	15.60	10.00	12.10	14.50	24	28.60	23.00	25.10	27.50
12	16.60	11.00	13.10	15.50	25	29.60	24.00	26.10	28.50
13	17.60	12.00	14.10	16.50	26	30.60	25.00	27.10	29.50
14	18.60	13.00	15.10	17.50	27	31.60	26.00	28.10	30.50
15	19.60	14.00	16.10	18.50	28	32.60	27.00	29.10	31.50
16	20.60	15.00	17.10	19.50					

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC



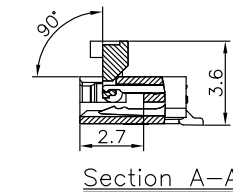
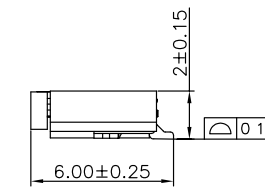
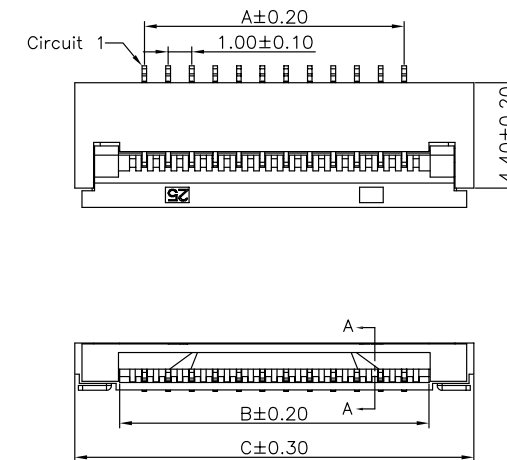
Assembly layout



Recommended FPC Dimension

F100820F9-1XX2XX01

Pitch 1.00mm 90° Single row SMT FPC/FFC

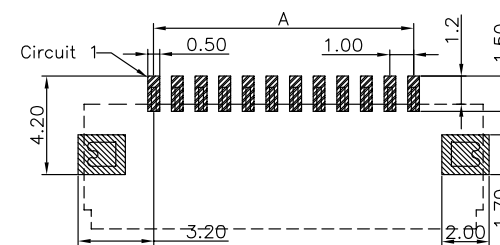


Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts:Matte tin

F1008 20 F 9-1 XX 2 X X 01
 SERIES NO: F1008 20 F 9-1
 HEIGHT: 20: 2.0mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: S-NATURE
 PLATING: N-G/F, D-MATTE TIN
 TERMIPOINT: 2-SMT
 PIN Q' PY: 02~32

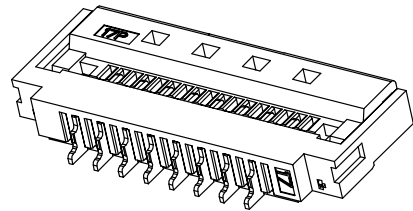
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	3.10	6.90	18	17.00	19.10	22.90
03	2.00	4.10	7.90	19	18.00	20.10	23.90
04	3.00	5.10	8.90	20	19.00	21.10	24.90
05	4.00	6.10	9.90	21	20.00	22.10	25.90
06	5.00	7.10	10.90	22	21.00	23.10	26.90
07	6.00	8.10	11.90	23	22.00	24.10	27.90
08	7.00	9.10	12.90	24	23.00	25.10	28.90
09	8.00	10.10	13.90	25	24.00	26.10	29.90
10	9.00	11.10	14.90	26	25.00	27.10	30.90
11	10.00	12.10	15.90	27	26.00	28.10	31.90
12	11.00	13.10	16.90	28	27.00	29.10	32.90
13	12.00	14.10	17.90	29	28.00	30.10	33.90
14	13.00	15.10	18.90	30	29.00	31.10	34.90
15	14.00	16.10	19.90	31	30.00	32.10	35.90
16	15.00	17.10	20.90	32	31.00	33.10	36.90
17	16.00	18.10	21.90				



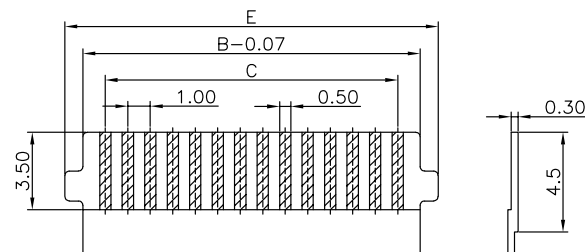
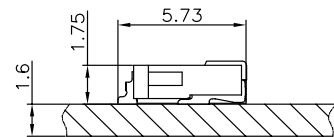
PCB Layout

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
Voltage rating: 50V
Current rating: 0.5A
Contact resistance: $50\text{m}\Omega$ Max
Insulation resistance: $500\text{M}\Omega$ Min
Withstand voltage: 150V AC



Assembly layout



Recommended FPC Dimension

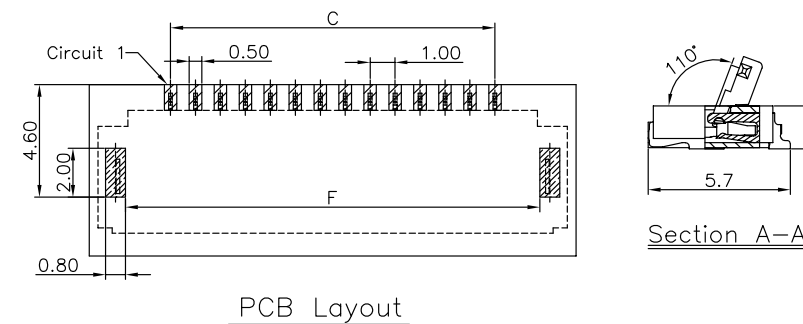
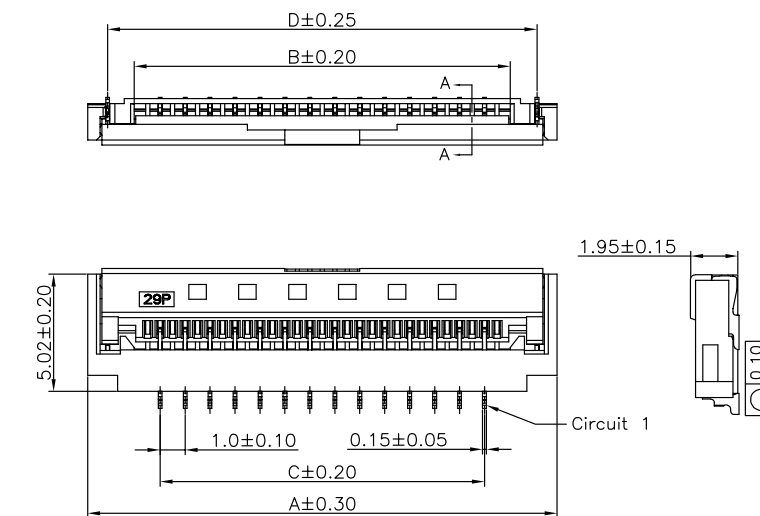
F100920F9-1XX2XX01

Pitch 1.00mm 90° Single row SMT FPC/FFC

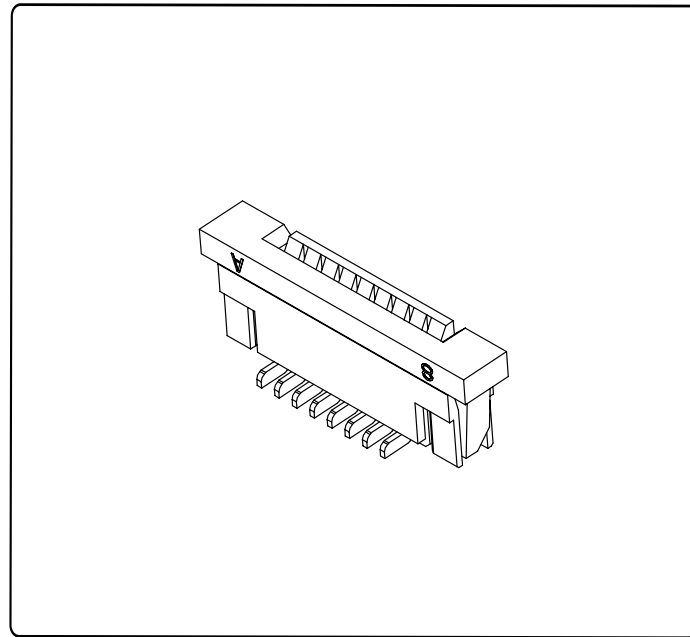
Specifications

MATERIAL SPECIFICATION:
Housing: LCP,94V-0
Contacts: Phosphor Bronze
PLATING SPECIFICATION:
Contacts:G/F

SERIES NO: F1009 20 F 9-1 XX 2 X X 01
HEIGHT: 20: 2.0mm
MALE FEMALE: F-FEMALE
ANGLE: 9-90°
ROW NO: 1-SINGLE ROW
COLOR: S-NATURE
PLATING: 1-G/F, C-BRIGHE TIN
TERMIPOINT: 2-SMT
PIN Q'PY: 03~40



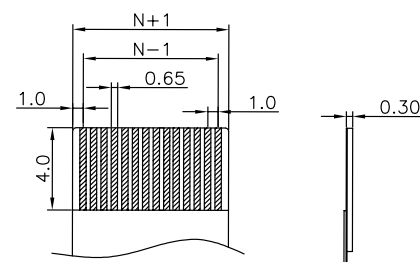
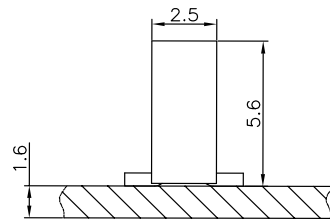
Circuit	Dimensions(mm)					
	A	B	C	D	E	F
03	7.80	4.07	2.00	6.20	5.60	5.60
04	8.80	5.07	3.00	7.20	6.60	6.60
05	9.80	6.07	4.00	8.20	7.60	7.60
06	10.80	7.07	5.00	9.20	8.60	8.60
07	11.80	8.07	6.00	10.20	9.60	9.60
08	12.80	9.07	7.00	11.20	10.60	10.60
09	13.80	10.07	8.00	12.20	11.60	11.60
10	14.80	11.07	9.00	13.20	12.60	12.60
11	15.80	12.07	10.00	14.20	13.60	13.60
12	16.80	13.07	11.00	15.20	14.60	14.60
13	17.80	14.07	12.00	16.20	15.60	15.60
14	18.80	15.07	13.00	17.20	16.60	16.60
15	19.80	16.07	14.00	18.20	17.60	17.60
16	20.80	17.07	15.00	19.20	18.60	18.60
17	21.80	18.07	16.00	20.20	19.60	19.60
18	22.80	19.07	17.00	21.20	20.60	20.60
19	23.80	20.07	18.00	22.20	21.60	21.60
20	24.80	21.07	19.00	23.20	22.60	22.60
21	25.80	22.07	20.00	24.20	23.60	23.60
22	26.80	23.07	21.00	25.20	24.60	24.60
23	27.80	24.07	22.00	26.20	25.60	25.60
24	28.80	25.07	23.00	27.20	26.60	26.60
25	29.80	26.07	24.00	28.20	27.60	27.60
26	30.80	27.07	25.00	29.20	28.60	28.60
27	31.80	28.07	26.00	30.20	29.60	29.60
28	32.80	29.07	27.00	31.20	30.60	30.60
29	33.80	30.07	28.00	32.20	31.60	31.60
30	34.80	31.07	29.00	33.20	32.60	32.60
31	35.80	32.07	30.00	34.20	33.60	33.60
32	36.80	33.07	31.00	35.20	34.60	34.60
33	37.80	34.07	32.00	36.20	35.60	35.60
34	38.80	35.07	33.00	37.20	36.60	36.60
35	39.80	36.07	34.00	38.20	37.60	37.60
36	40.80	37.07	35.00	39.20	38.60	38.60
37	41.80	38.07	36.00	40.20	39.60	39.60
38	42.80	39.07	37.00	41.20	40.60	40.60
39	43.80	40.07	38.00	42.20	41.60	41.60
40	44.80	41.07	39.00	43.20	42.60	42.60



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.5A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC

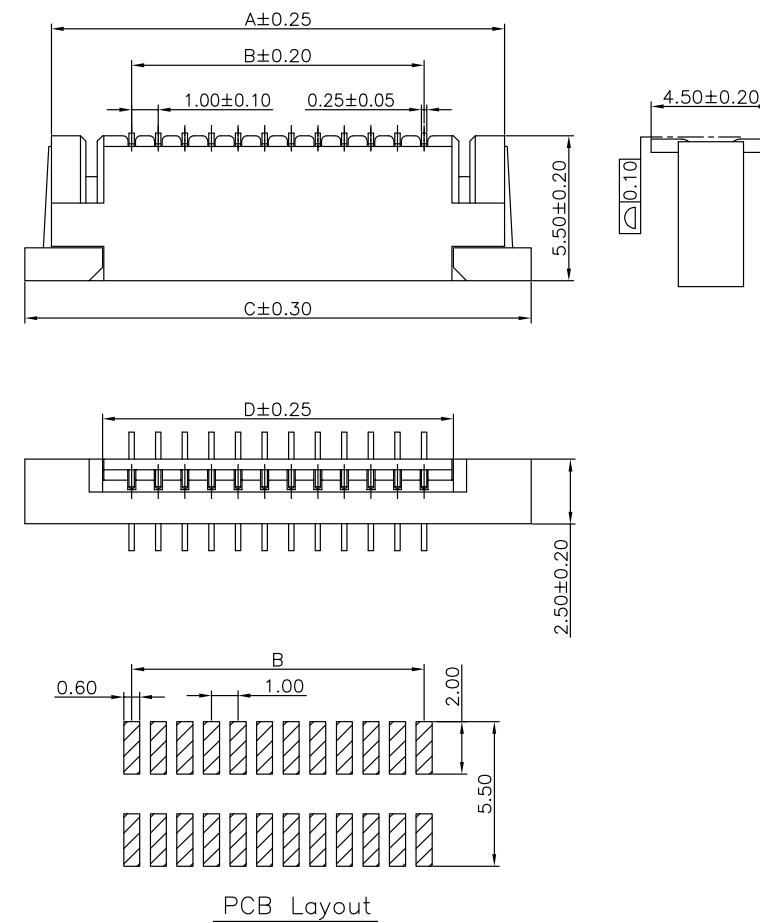
Assembly layout



Recommended FPC Dimension

F101055F0-1XX2XX01

Pitch 1.00mm 180° Single row SMT FPC/FFC

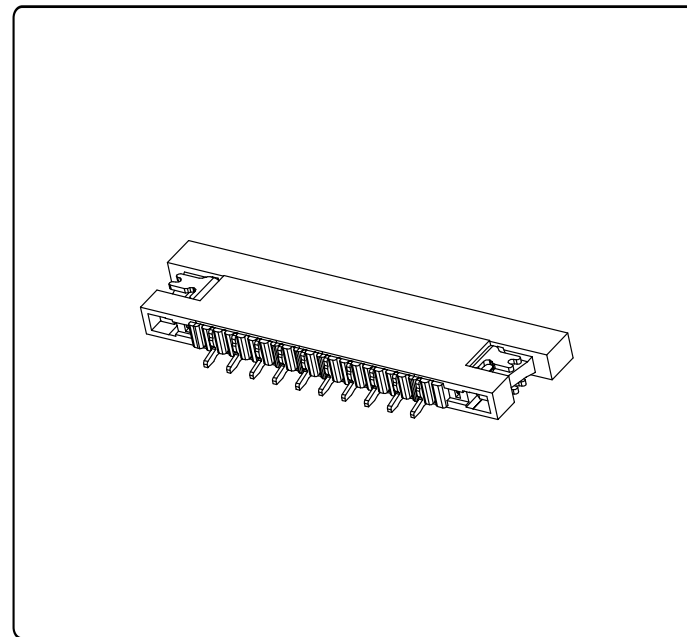


Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: Matte tin

SERIES NO: F1010 55 F 0-1 XX 2 X X 01
 HEIGHT: 55: 5.5mm
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 ROW NO: 1-SINGLE ROW
 COLOR: S-NATURE
 PLATING: D-MATTE TIN
 TERMIPOINT: 2-SMT
 PIN Q'PY: 04~30

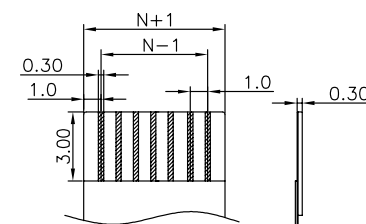
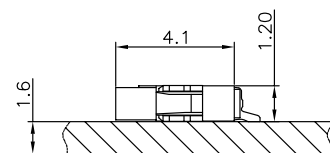
Circuit	Dimensions(mm)			
	A	B	C	D
04	9.00	3.00	11.00	5.10
05	10.00	4.00	12.00	6.10
06	11.00	5.00	13.00	7.10
07	12.00	6.00	14.00	8.10
08	13.00	7.00	15.00	9.10
09	14.00	8.00	16.00	10.10
10	15.00	9.00	17.00	11.10
11	16.00	10.00	18.00	12.10
12	17.00	11.00	19.00	13.10
13	18.00	12.00	20.00	14.10
14	19.00	13.00	21.00	15.10
15	20.00	14.00	22.00	16.10
16	21.00	15.00	23.00	17.10
17	22.00	16.00	24.00	18.10
18	23.00	17.00	25.00	19.10
19	24.00	18.00	26.00	20.10
20	25.00	19.00	27.00	21.10
21	26.00	20.00	28.00	22.10
22	27.00	21.00	29.00	23.10
23	28.00	22.00	30.00	24.10
24	29.00	23.00	31.00	25.10
25	30.00	24.00	32.00	26.10
26	31.00	25.00	33.00	27.10
27	32.00	26.00	34.00	28.10
28	33.00	27.00	35.00	29.10
29	34.00	28.00	36.00	30.10
30	35.00	29.00	37.00	31.10
31	36.00	30.00	38.00	32.10
32	37.00	31.00	39.00	33.10
33	38.00	32.00	40.00	34.10
34	39.00	33.00	41.00	35.10
35	40.00	34.00	42.00	36.10
36	41.00	35.00	43.00	37.10
37	42.00	36.00	44.00	38.10
38	43.00	37.00	45.00	39.10
39	44.00	38.00	46.00	40.10
40	45.00	39.00	47.00	41.10



Specifications

Temperature range: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 0.4A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $500\text{M}\Omega$ Min
 Withstand voltage: 500V AC

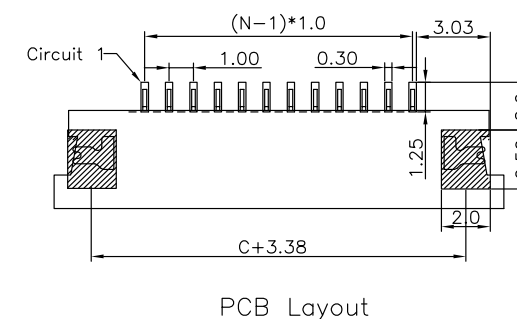
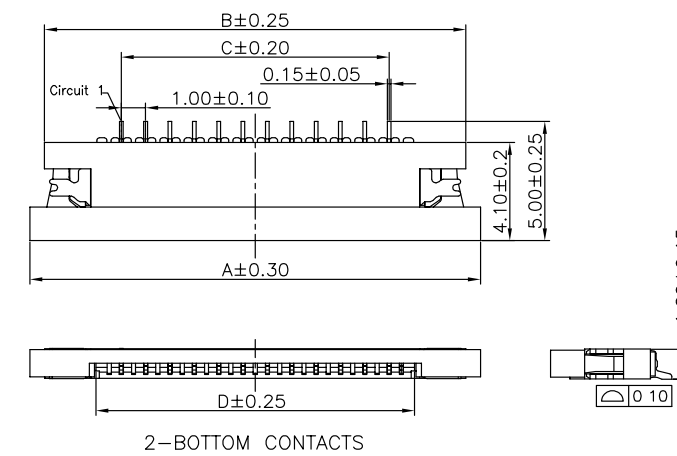
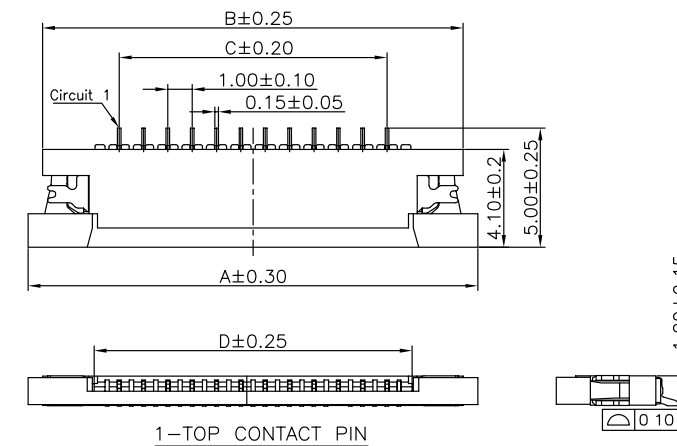
Assembly layout



Recommended FPC Dimension

F101112F9-1XX2XX0X

Pitch 1.00mm 90° Single row SMT FPC/FFC



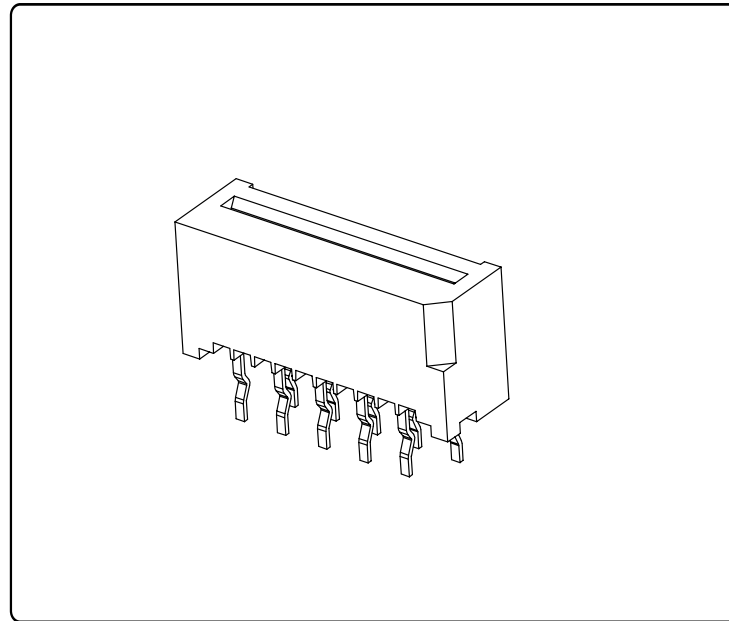
PCB Layout

Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts:Matte tin

ASSEMBLY STYPE
 1-TOP CONTACT PIN
 2-BOTTOM CONTACTS
 COLOR:
 S-NATURE
 PLATING:
 A-ALL AU G/F
 D-MATTE TIN
 TERMIPOINT:
 2-SMT
 PIN Q'PY:
 04~29

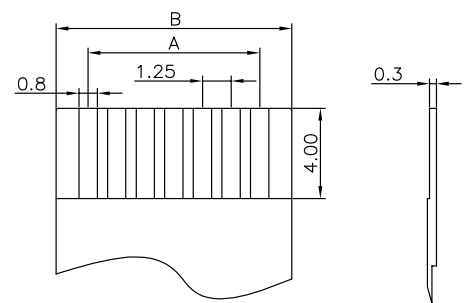
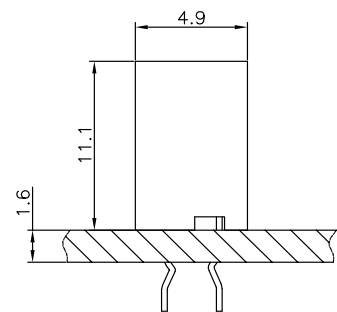
Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
04	10.50	9.30	3.00	5.08	16	22.50	21.30	15.00	17.08
05	11.50	10.30	4.00	6.08	17	23.50	22.30	16.00	18.08
06	12.50	11.30	5.00	7.08	18	24.50	23.30	17.00	19.08
07	13.50	12.30	6.00	8.08	19	25.50	24.30	18.00	20.08
08	14.50	13.30	7.00	9.08	20	26.50	25.30	19.00	21.08
09	15.50	14.30	8.00	10.08	21	27.50	26.30	20.00	22.08
10	16.50	15.30	9.00	11.08	22	28.50	27.30	20.00	23.08
11	17.50	16.30	10.00	12.08	25	31.50	30.30	24.00	26.08
12	18.50	17.30	11.00	13.08	26	32.50	31.30	25.00	27.08
13	19.50	18.30	12.00	14.08	27	33.50	32.30	26.00	28.08
14	20.50	19.30	13.00	15.08	28	34.50	33.30	27.00	29.08
15	21.50	20.30	14.00	16.08	29	35.50	34.30	28.00	30.08



Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1.0A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $800\text{M}\Omega$ Min
 Withstand voltage: 500V AC

Assembly layout



Recommended FPC Dimension

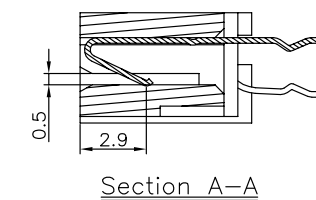
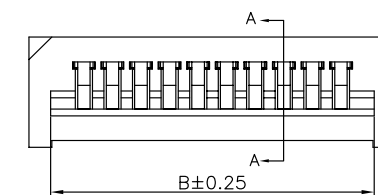
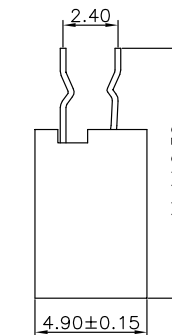
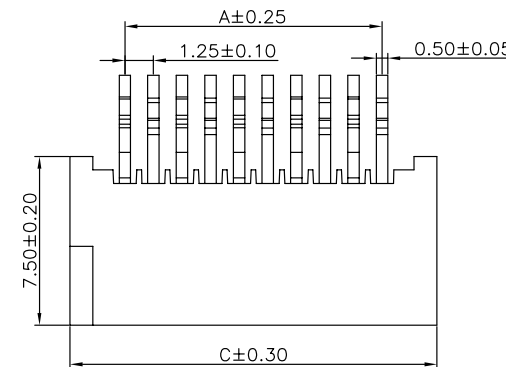
F125175F0-1XX1XX01

Pitch 1.00mm 180° Single row DIP FPC/FFC

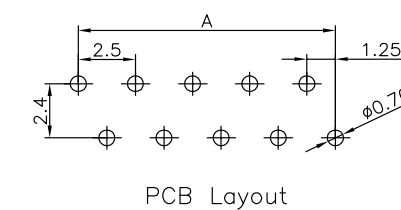
Specifications

MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze
 PLATING SPECIFICATION:
 Contacts: Bright tin

SERIES NO: F1251 75 F 0-1 XX 1 X X 01
 HEIGHT: 75: 7.5mm
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 ROW NO: 1-SINGLE ROW
 COLOR: S-NATURE
 PLATING: C-BRIGHT TIN
 TERMPOINT: 1-DIP
 PIN Q'PY: 04~16



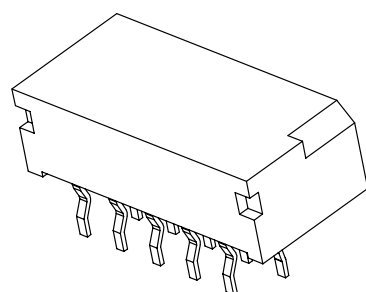
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.15	6.05	10	11.25	14.15	16.05
03	2.50	5.40	7.30	11	12.50	15.40	17.30
04	3.75	6.65	8.55	12	13.75	16.65	18.55
05	5.00	7.90	9.80	13	15.00	17.90	19.80
06	6.25	9.15	11.05	14	16.25	19.15	21.05
07	7.50	10.40	12.30	15	17.50	20.40	22.30
08	8.75	11.65	13.55	16	18.75	21.65	23.55
09	10.00	12.90	14.80				



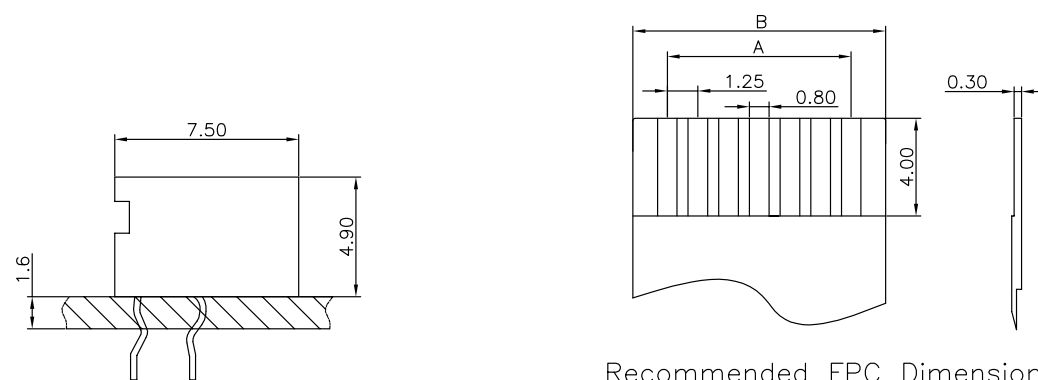
PCB Layout

Specifications

Temperature range: $-25^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 Voltage rating: 50V
 Current rating: 1.0A
 Contact resistance: $30\text{m}\Omega$ Max
 Insulation resistance: $800\text{M}\Omega$ Min
 Withstand voltage: 500V AC



Assembly layout



Recommended FPC Dimension

F125149F9-1XX1XX01

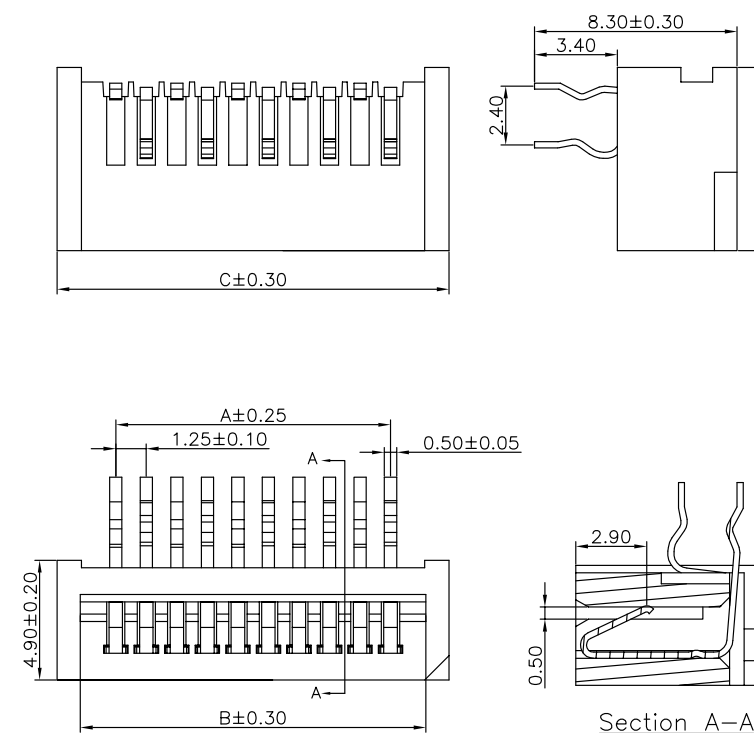
Pitch 1.00mm 90° Single row DIP FPC/FFC

Specifications

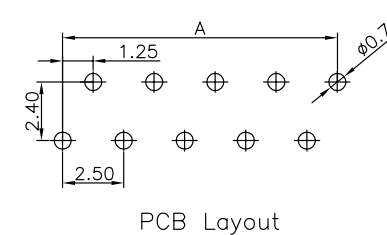
MATERIAL SPECIFICATION:
 Housing: LCP,94V-0
 Contacts: Phosphor Bronze

PLATING SPECIFICATION:
 Contacts: Bright tin

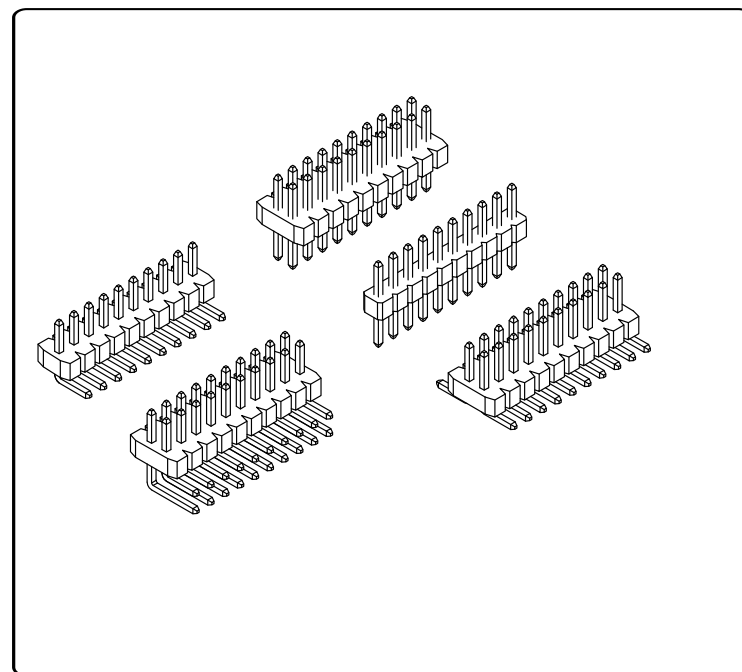
F1251 49 F 9-1 XX 1 X X 01
 SERIES NO: _____
 HEIGHT: 49: 4.9mm
 MALE FEMALE: F-FEMALE
 ANGLE: 9-90°
 ROW NO: 1-SINGLE ROW
 COLOR: S-NATURE
 PLATING: C-BRIGHT TIN
 TERMIPOINT: 1-DIP
 PIN Q' PY: 04~16



Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
02	---	4.15	6.05	10	11.25	14.15	16.05
03	2.50	5.40	7.30	11	12.50	15.40	17.30
04	3.75	6.65	8.55	12	13.75	16.65	18.55
05	5.00	7.90	9.80	13	15.00	17.90	19.80
06	6.25	9.15	11.05	14	16.25	19.15	21.05
07	7.50	10.40	12.30	15	17.50	20.40	22.30
08	8.75	11.65	13.55	16	18.75	21.65	23.55
09	10.00	12.90	14.80				



PCB Layout



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 1A

Contact resistance: $30\text{m}\Omega$ Max

Insulation resistance: $500\text{M}\Omega$ Min

Withstand voltage: 300V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

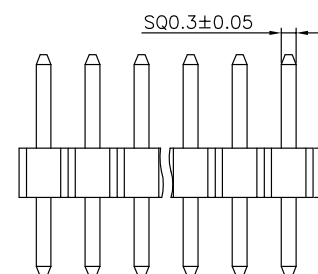
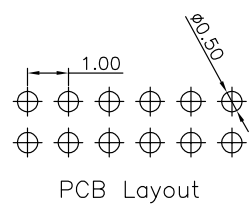
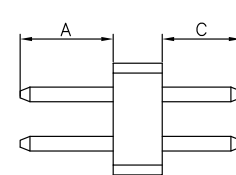
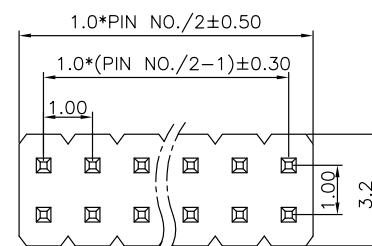
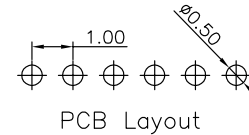
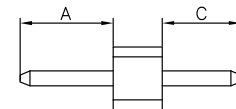
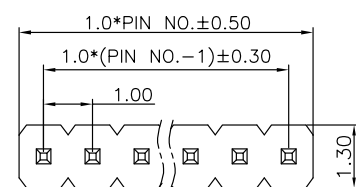
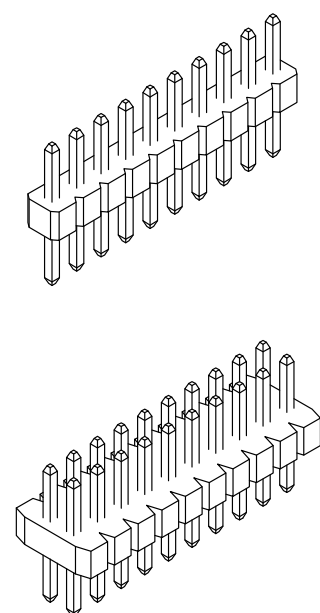
Terminal: Copper Alloy

Plating Specification: All Au G/F

PH1007 XX M 0-X XX 1 X X X
SERIES NO: _____ HOUSING: THERMOPLASTIC
HEIGHT: _____ COLOR: A-BLACK
See Dim Table 10-(H=1.0mm) PLATING: A-ALL AU G/F
..... M-MALE TERMPOINT: 1-DIP
MALE FEMALE: 9-90° 2-SMT
ANGLE: _____ PIN Q' PY:
ROW NO: 1-SINGLE ROW 02~100
2-DOUBLE ROW

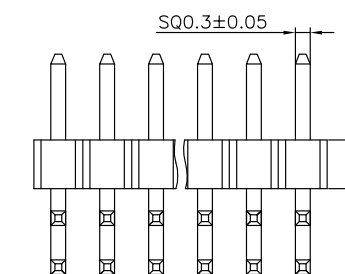
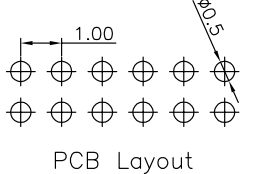
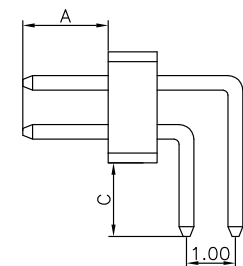
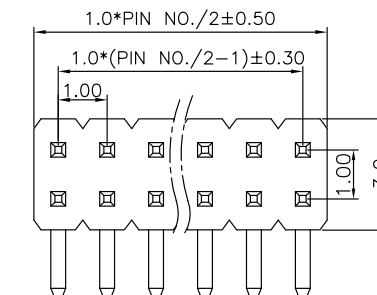
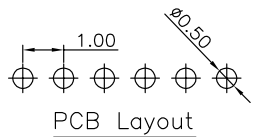
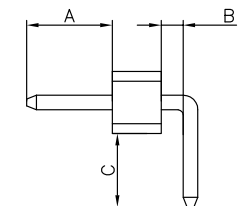
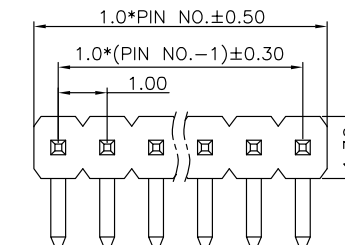
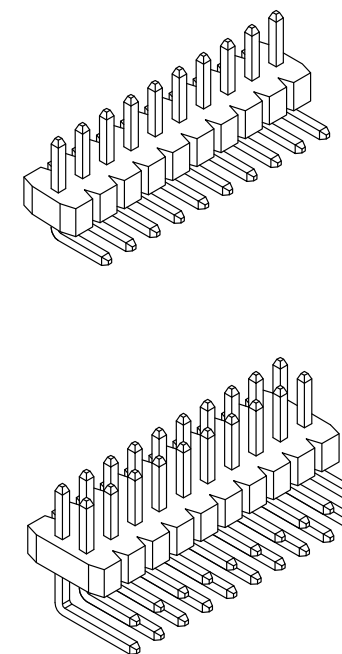
PH1007 SERIES

Pitch 1.00mm DIP Straight Type 1&2 row Pin Header



Dim Table

HEIGHT	Dimensions	
H=1.0mm	A	C
H=1.5mm	3.0mm	3.0mm
H=2.0mm	(...mm)	(...mm)

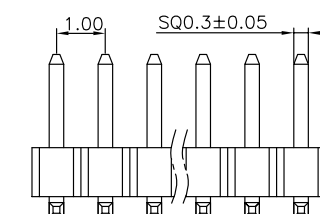
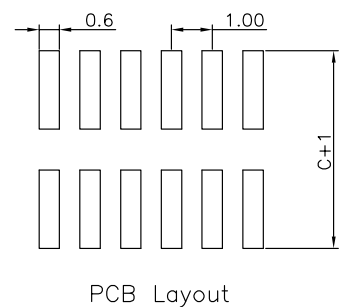
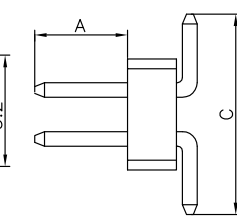
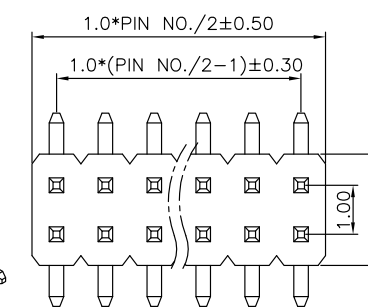
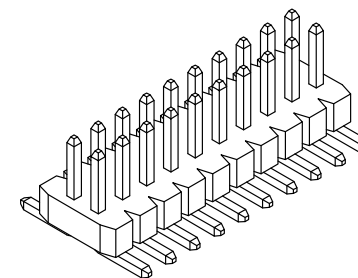


Dim Table

HEIGHT	Dimensions	
H=1.0mm	A	C
H=1.5mm	3.0mm	3.0mm
H=2.0mm	(...mm)	(...mm)

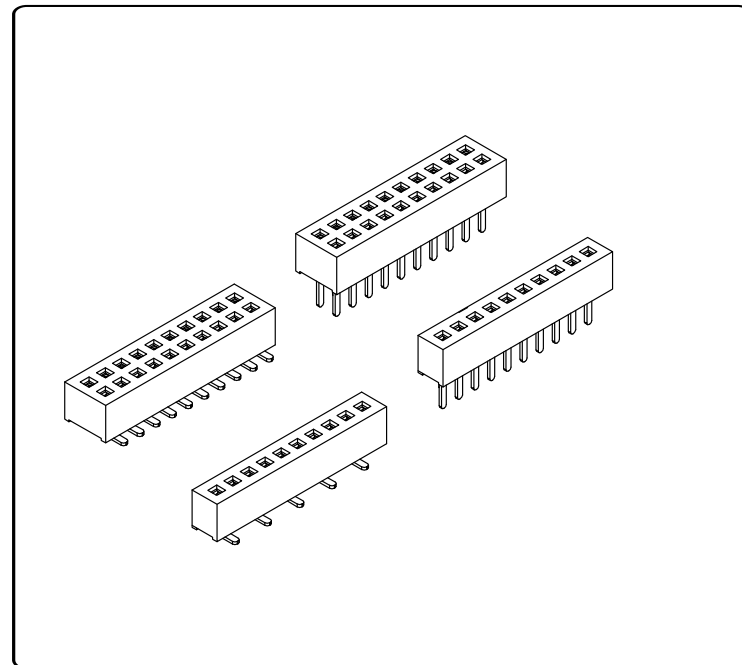
PH1007 SERIES

Pitch 1.00mm SMT Straight Type 1&2 row Pin Header



Dim Table

HEIGHT	Dimensions	
H=1.0mm	A	C
H=1.5mm	3.0mm	4.2mm
H=2.0mm	(...mm)	(...mm)



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 1A

Contact resistance: $30\text{m}\Omega$ Max

Insulation resistance: $500\text{M}\Omega$ Min

Withstand voltage: 300V AC

Material Specification:

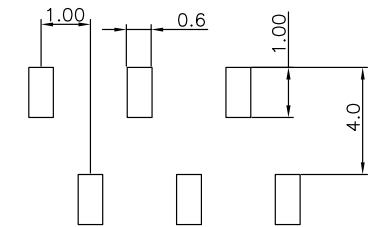
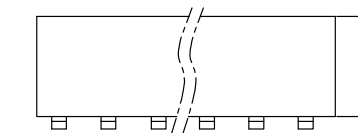
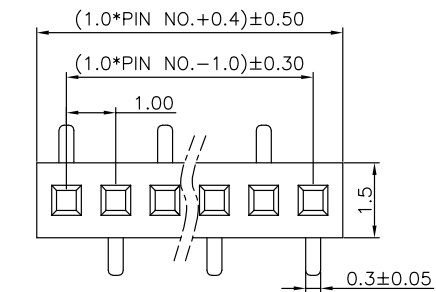
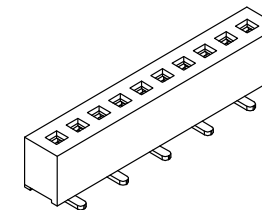
Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

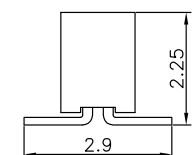
Plating Specification: All Au G/F

FH1007 XX F 0-X XX 1 X X X
 SERIES NO: _____ HOUSING: THERMOPLASTIC
 HEIGHT: _____ COLOR: A-BLACK
 See Dim Table 10-(H=1.0mm)

 MALE FEMALE: _____ PLATING: A-ALL AU G/F
 F-FEMALE
 ANGLE: _____ TERMIPOINT: 1-DIP
 0-180° 2-SMT
 9-90°
 ROW NO: _____ PIN Q'PY: 02~100
 1-SINGLE ROW
 2-DOUBLE ROW

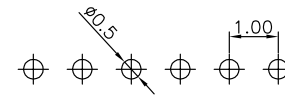
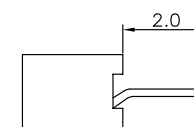
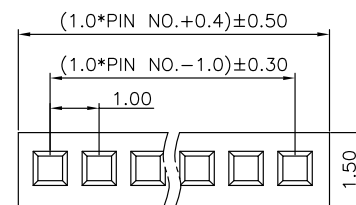
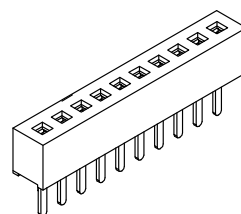


PCB Layout

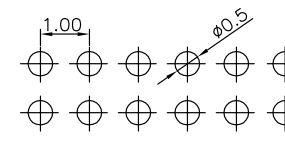
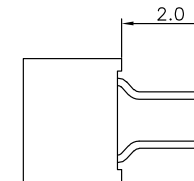
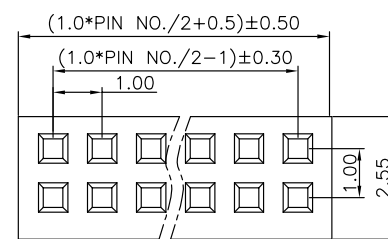
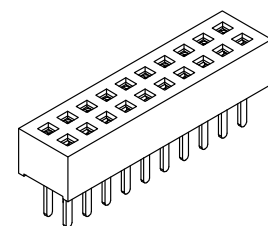


FH1007 SERIES

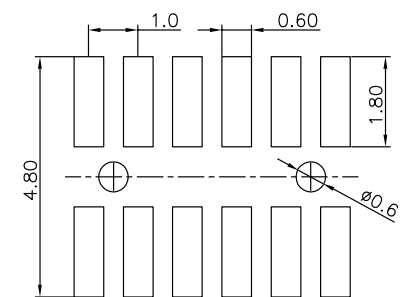
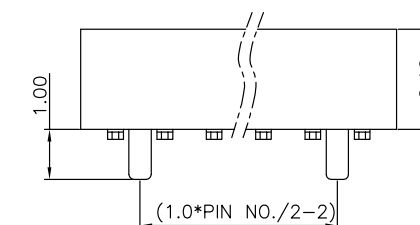
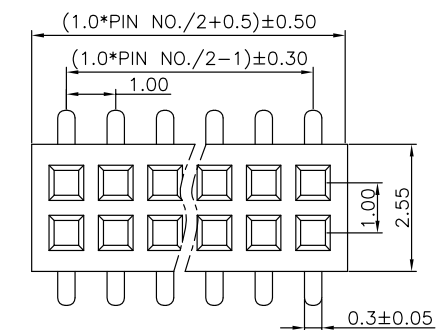
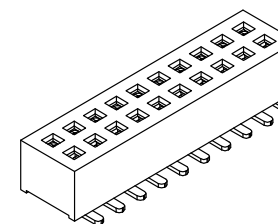
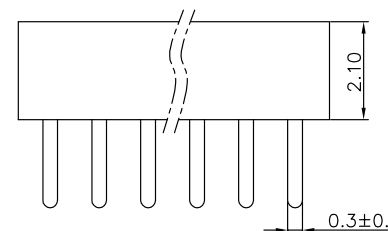
Pitch 1.00mm DIP Straight Type 1&2 row Female Header



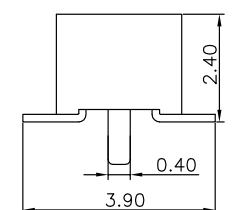
PCB Layout

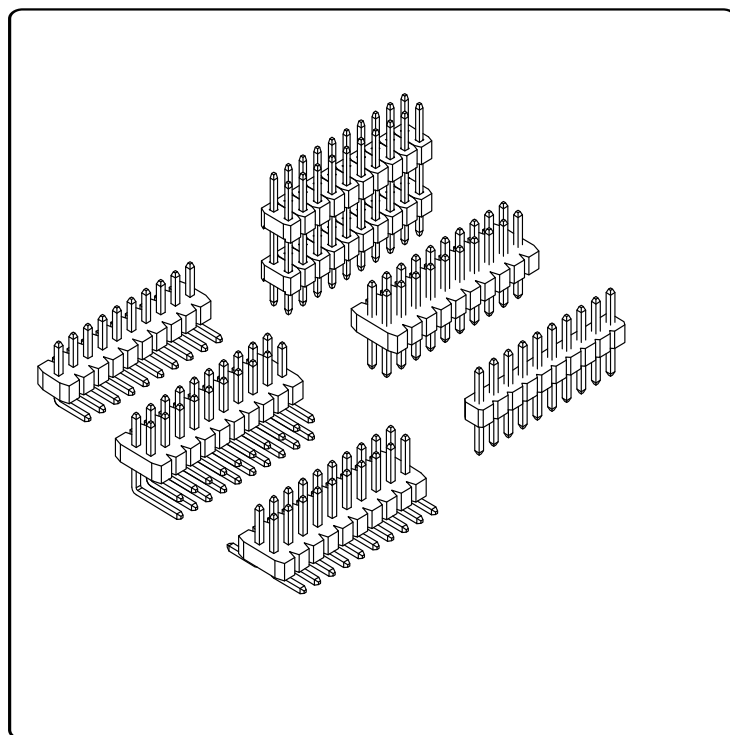


PCB Layout



PCB Layout





Specifications

Temperature range: -40°C~+105°C

Current rating: 1A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 300V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

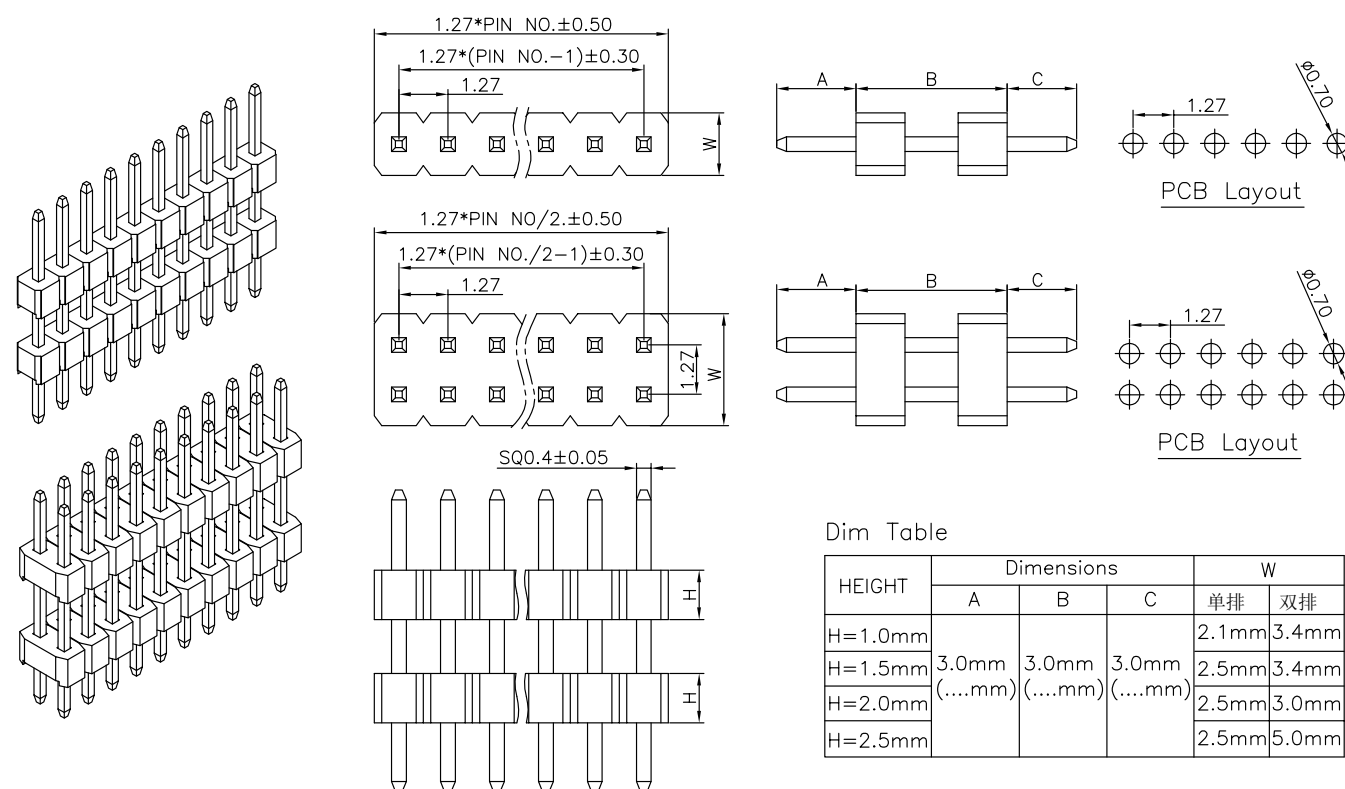
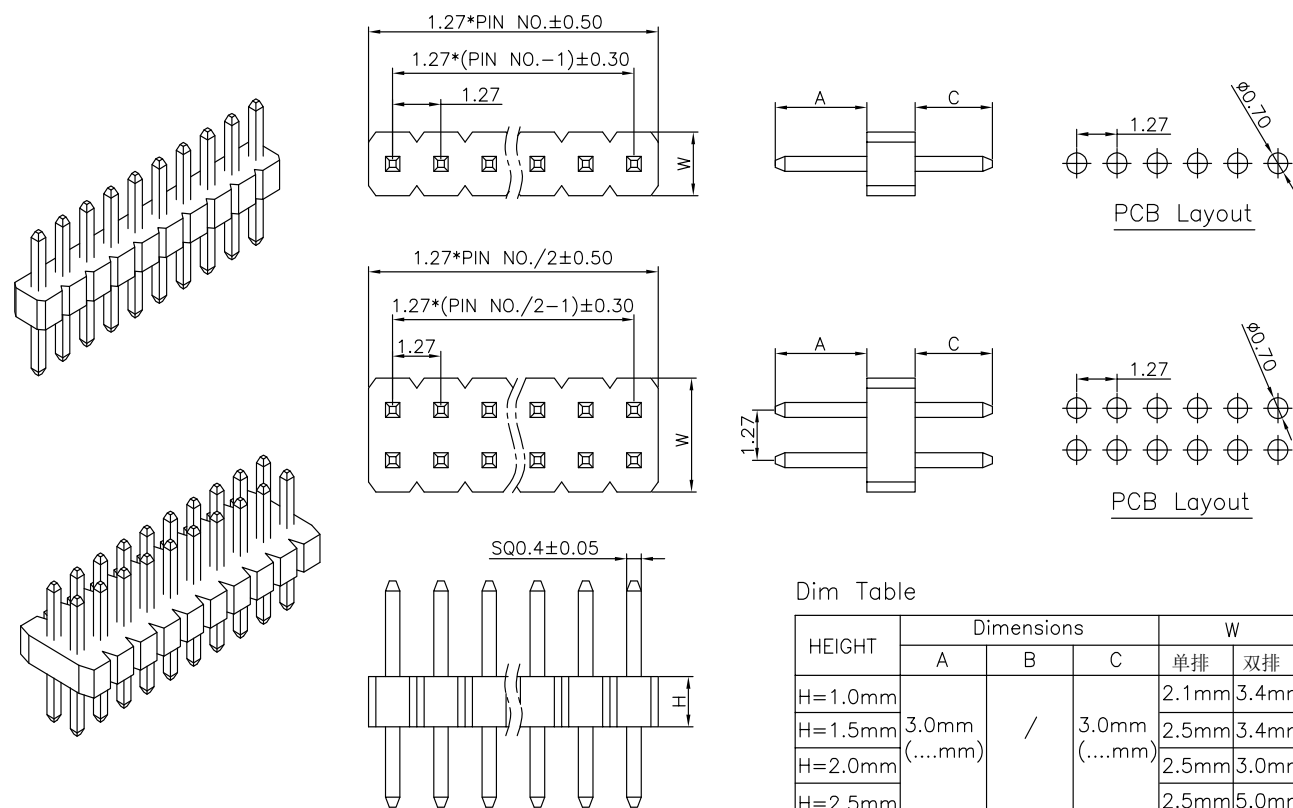
Terminal: Copper Alloy

Plating Specification: All Au G/F

PH1276 XX M 0-X XX 1 X X X
SERIES NO: HOUSING: THERMOPLASTIC
HEIGHT: See Dim Table COLOR: A-BLACK
10-(H=1.0mm)
....
MALE FEMALE: PLATING: A-ALL AU G/F
M-MALE A-ALL AU G/F
ANGLE: 0-180° TERMPOINT: 1-DIP
9-90° 2-SMT
ROW NO: PIN Q'PY:
1-SINGLE ROW 02~100
2-DOUBLE ROW

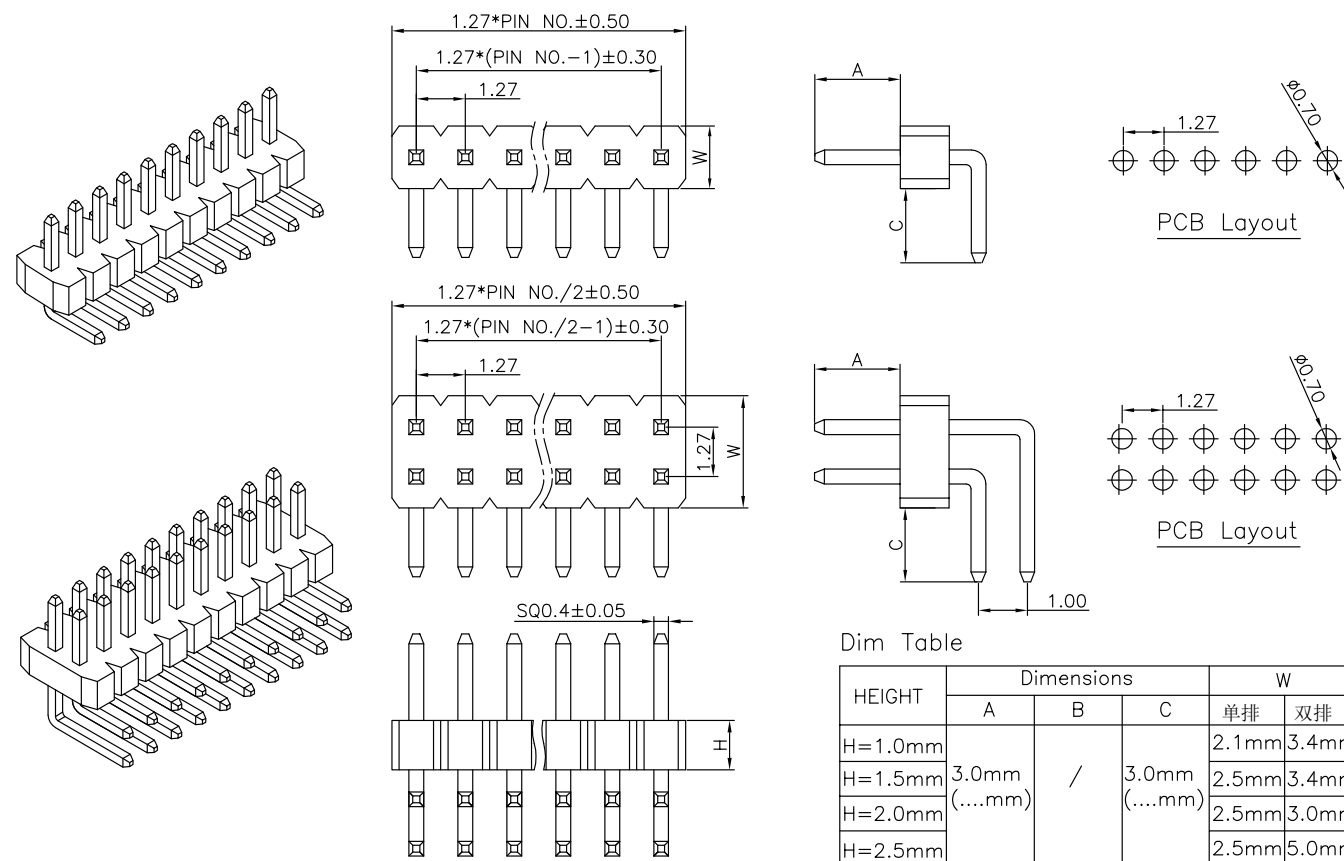
PH1276 SERIES

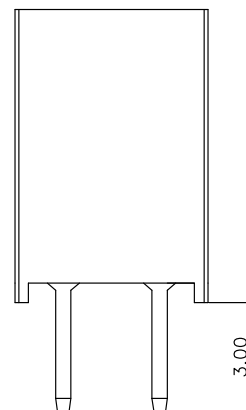
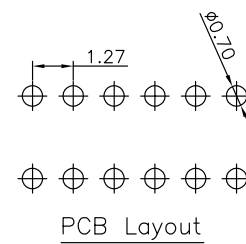
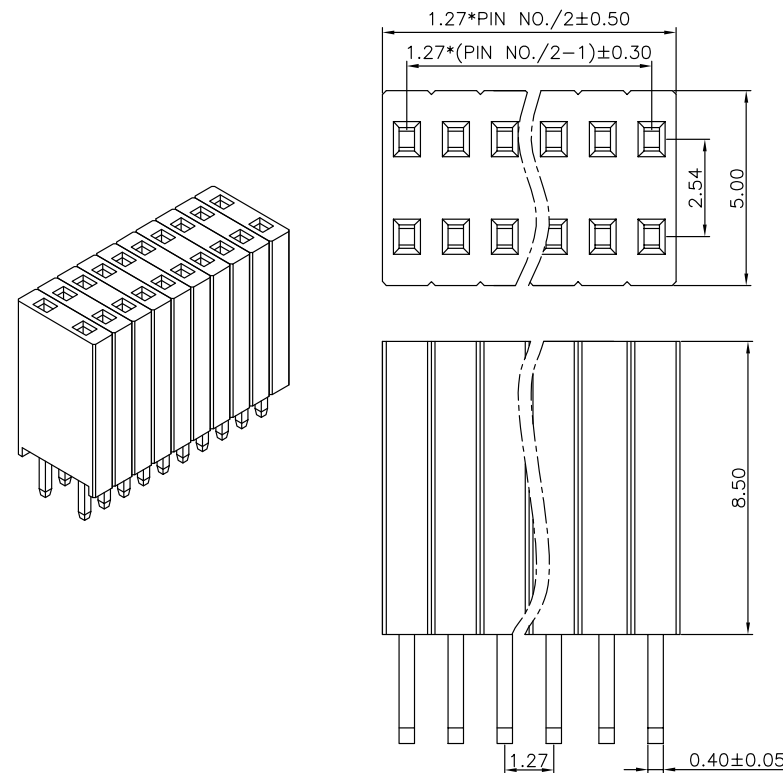
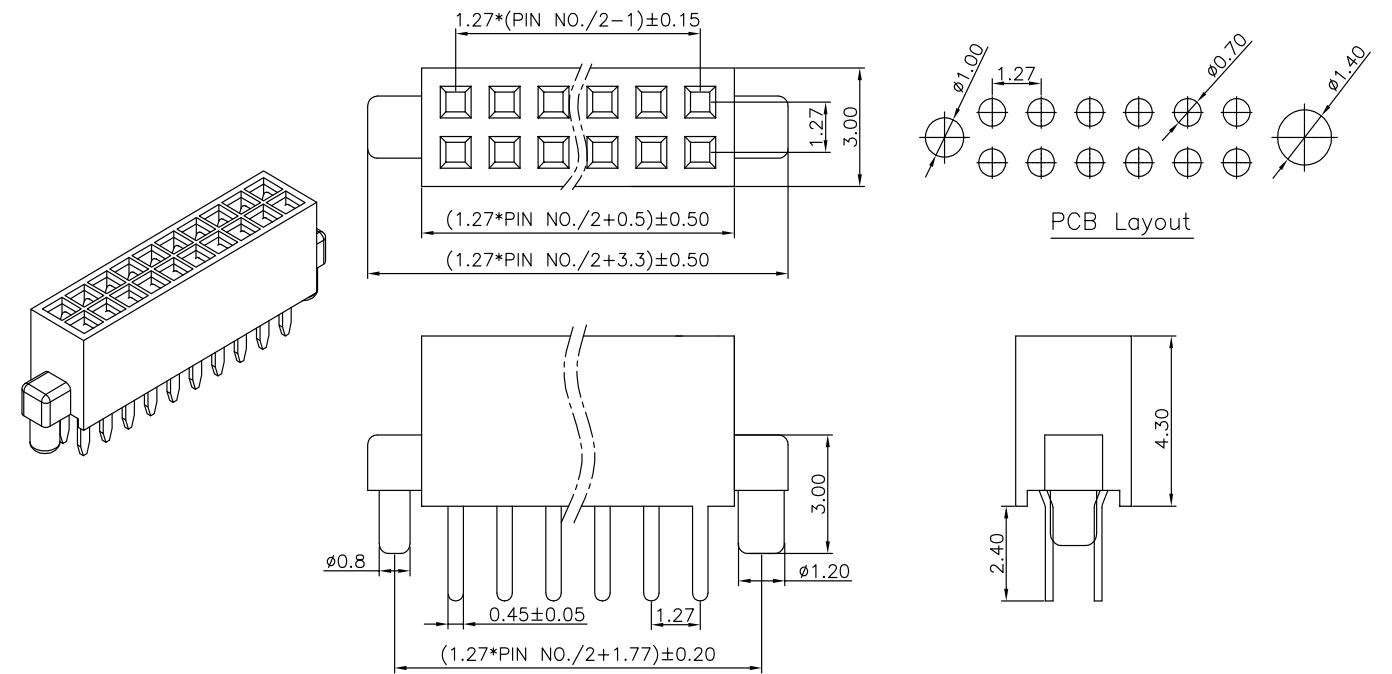
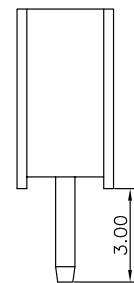
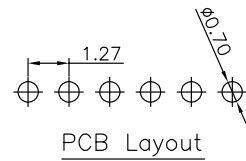
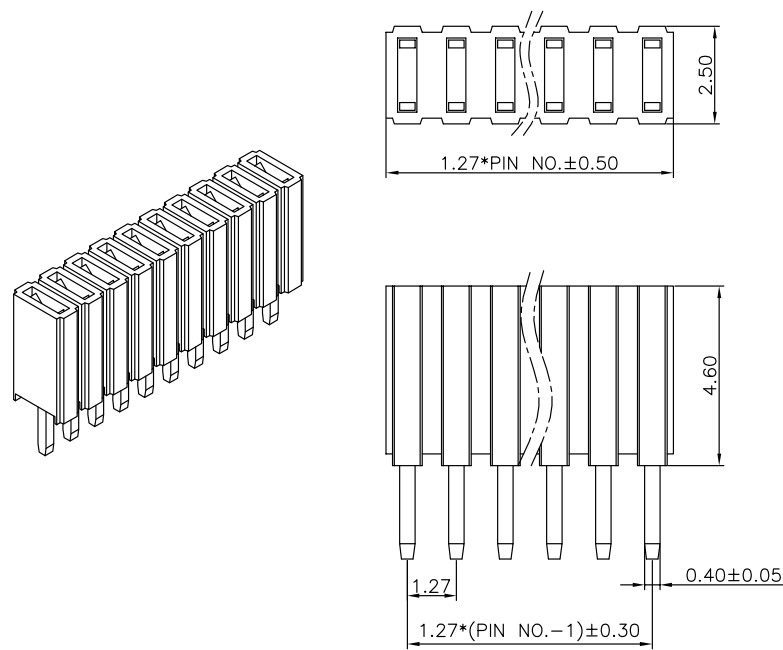
Pitch 1.27mm DIP Straight Type 1&2 row Pin Header

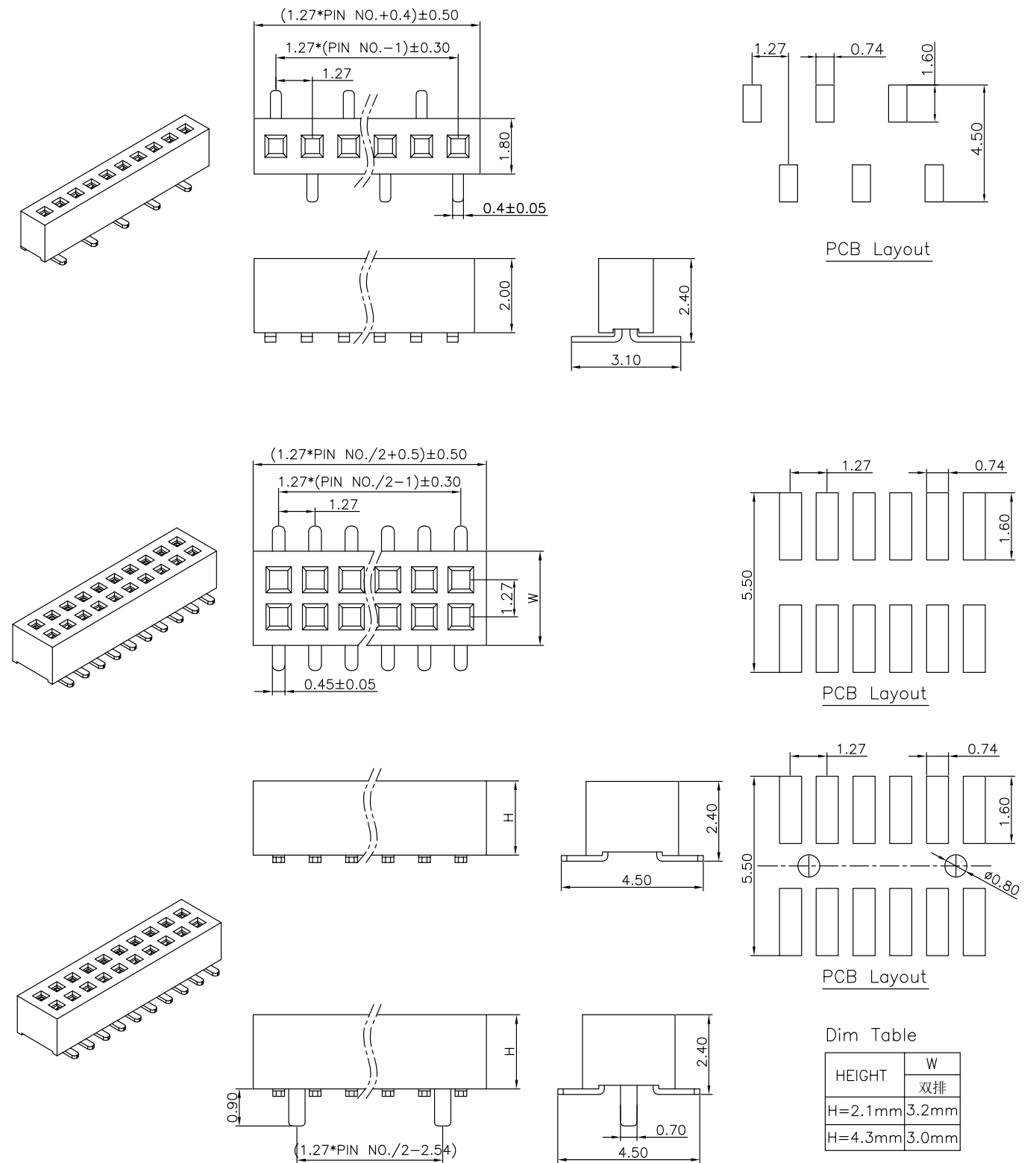
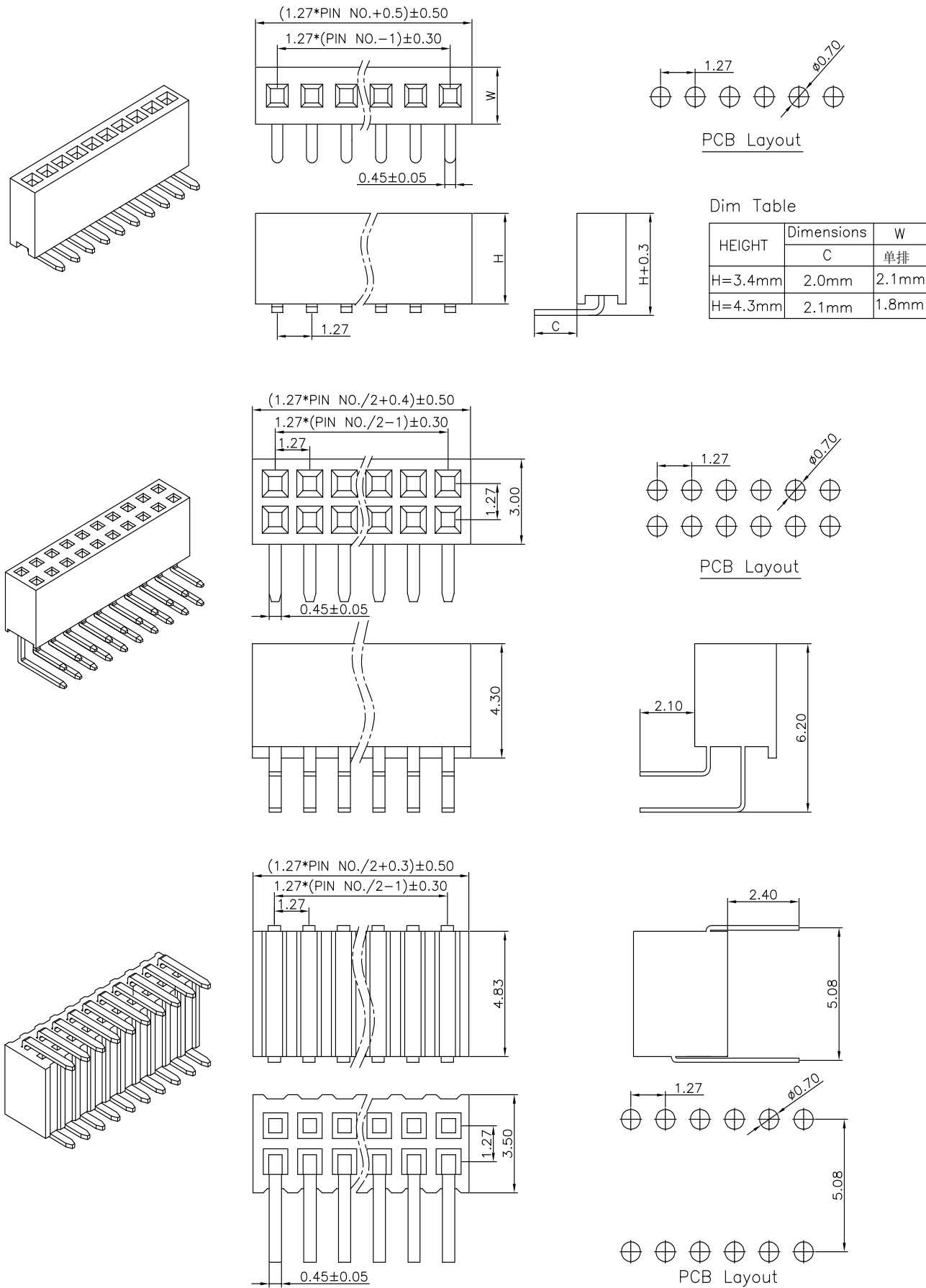


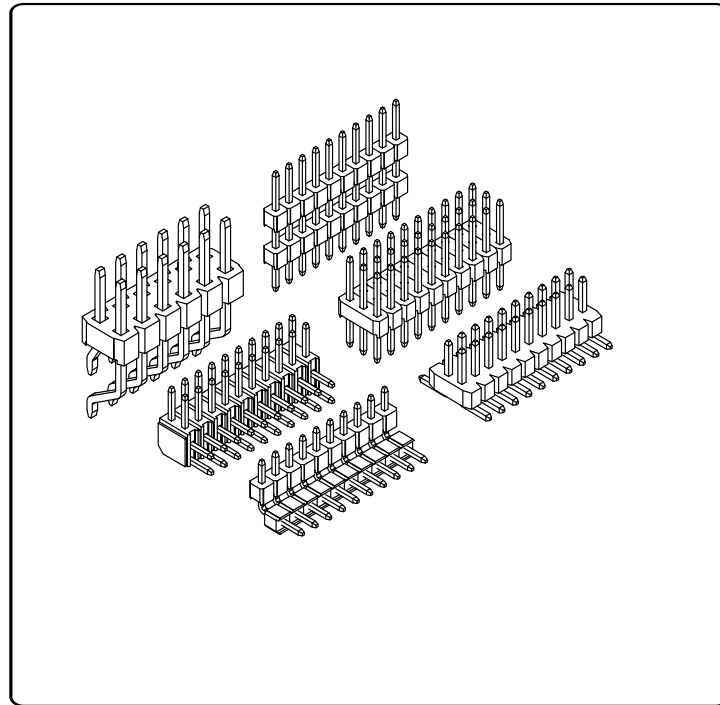
PH1276 SERIES

Pitch 1.27mm DIP Right Angle Type 1&2 row Pin Header









Specifications

Temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance:1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic,UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

PH2005 XX M 0-X XX 1 X X X

SERIES NO: _____

HEIGHT: _____

See Dim Table
15-(H=1.5mm)

....

MALE FEMALE: _____

M-MALE

ANGLE: _____

0-180°

9-90°

ROW NO: _____

1-SINGLE ROW

2-DOUBLE ROW

3-THREE ROWS

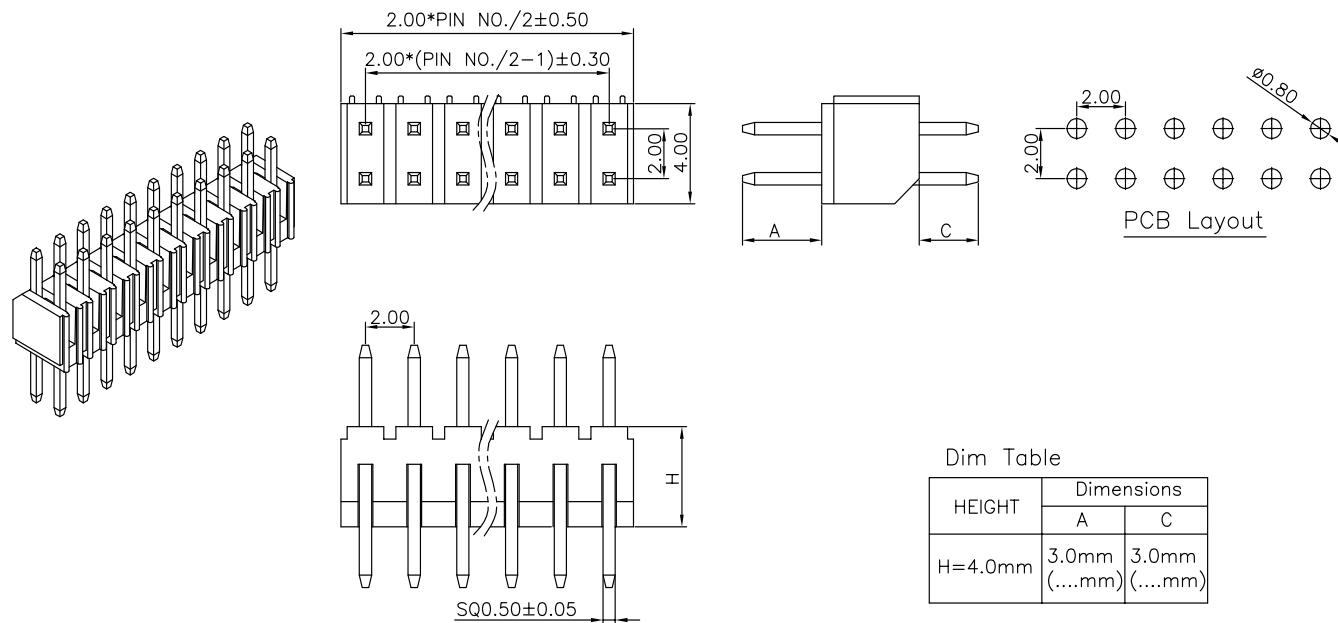
HOUSING:
THERMOPLASTIC

COLOR:
A-BLACK

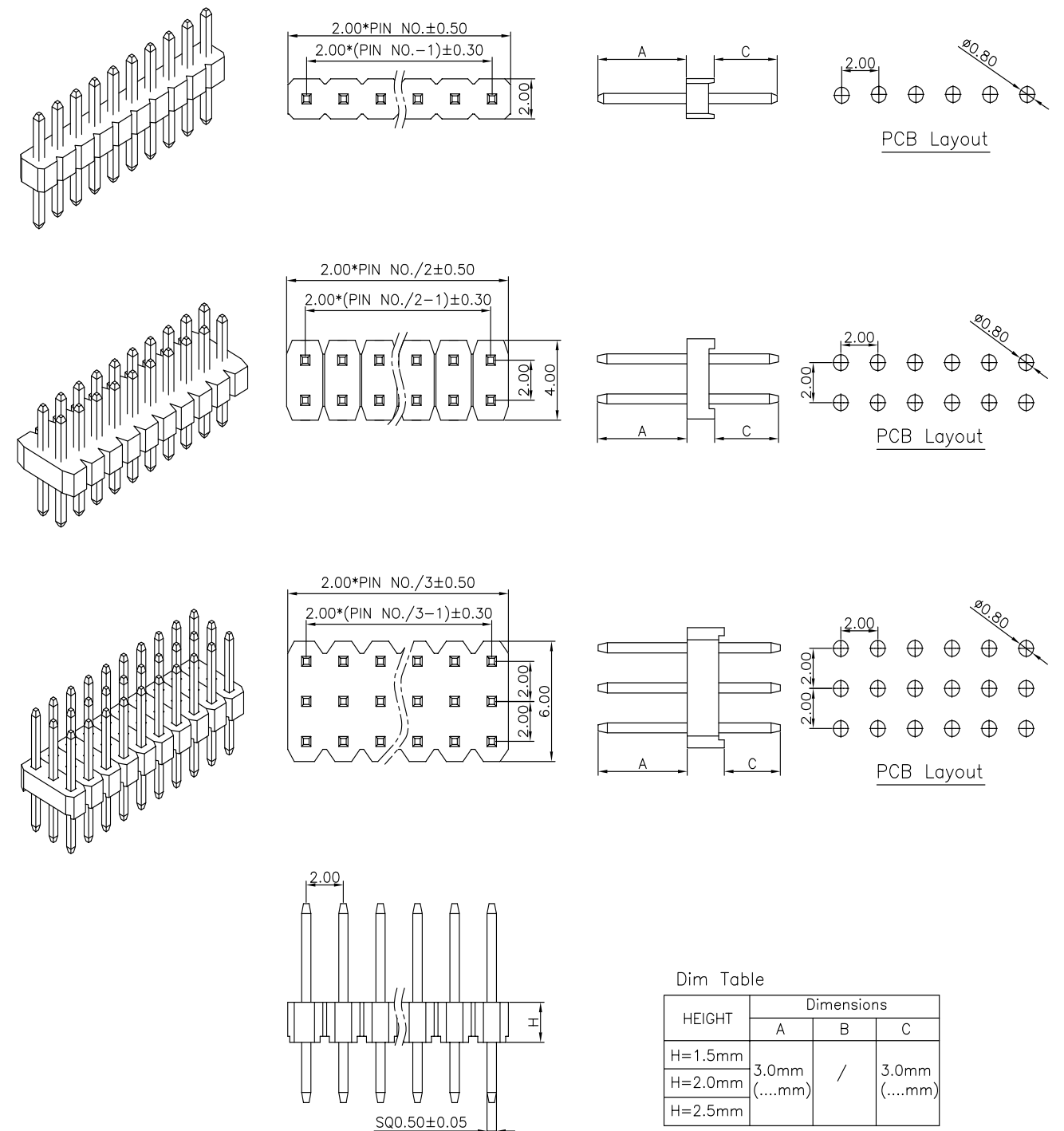
PLATING:
A-ALL AU G/F

TERMPIPOINT:
1-DIP
2-SMT

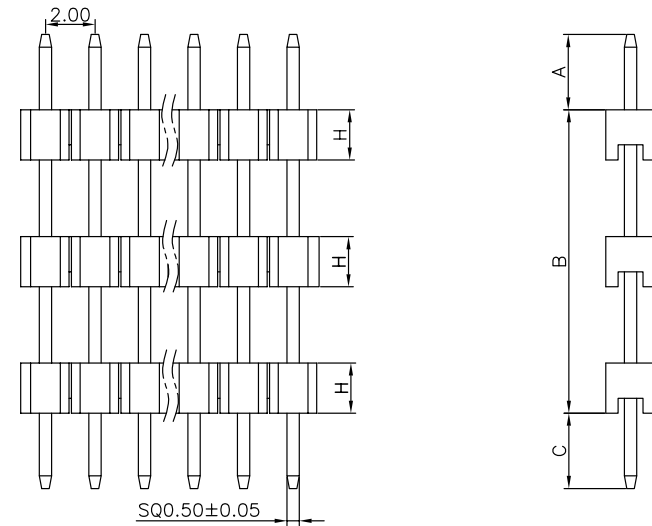
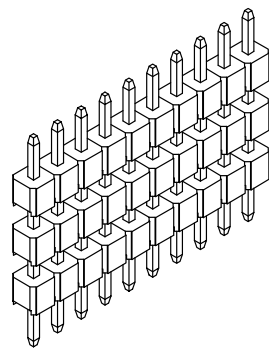
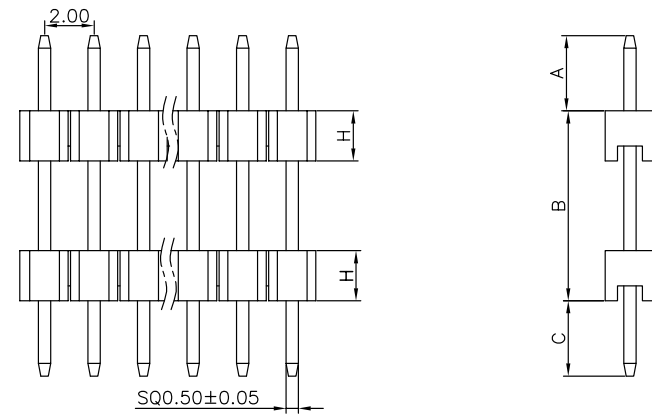
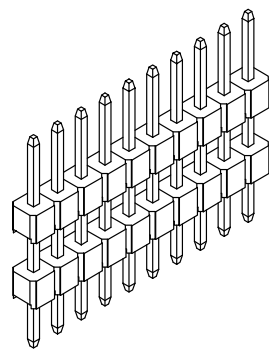
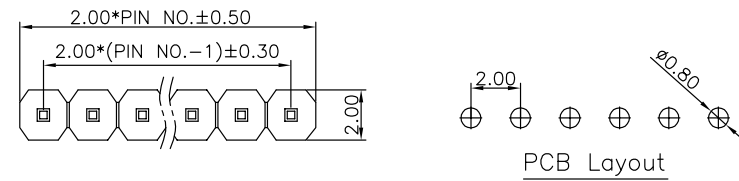
PIN Q'PY:
02~80



Dim Table		
HEIGHT	Dimensions	
	A	C
H=4.0mm	3.0mm (...mm)	3.0mm (...mm)

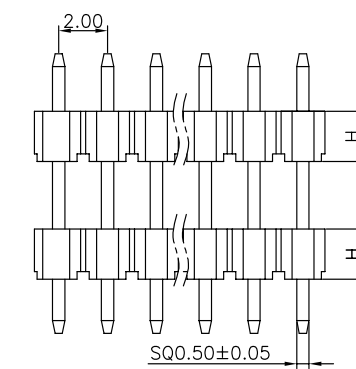
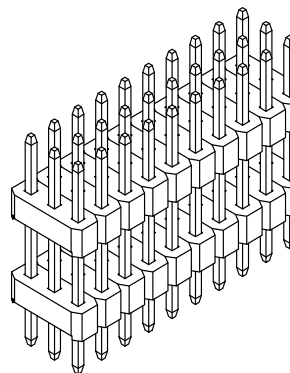
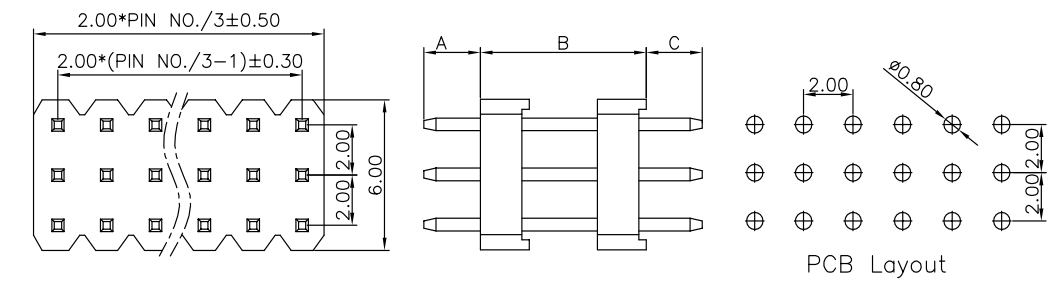
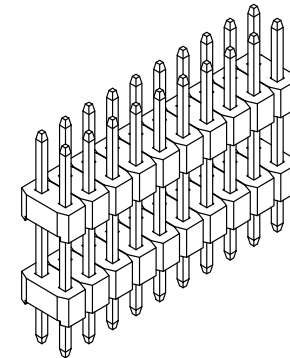
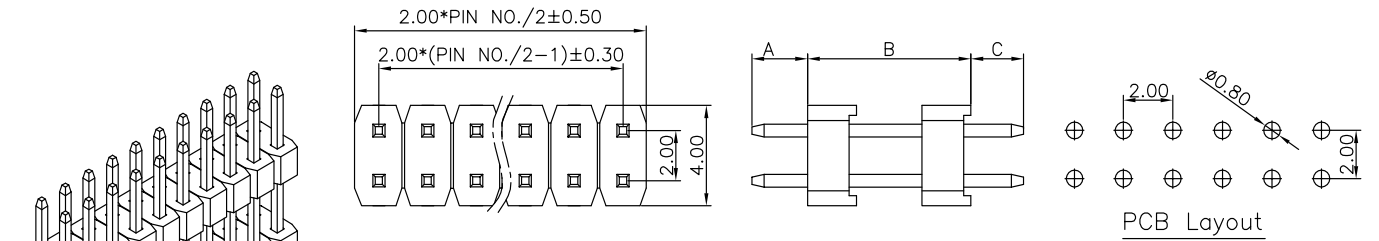


HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm (....mm)	/	3.0mm (....mm)
H=2.0mm			
H=2.5mm			



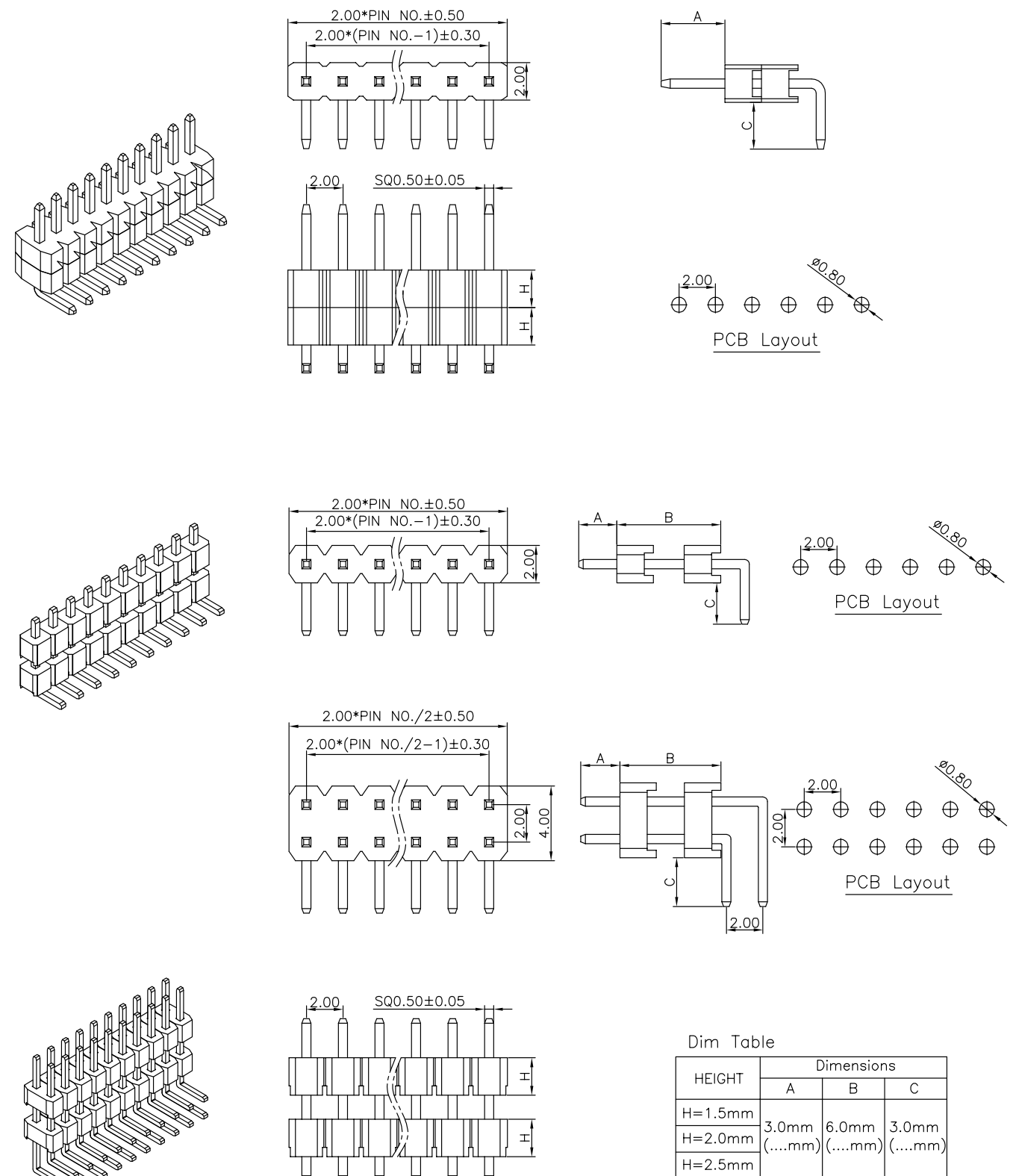
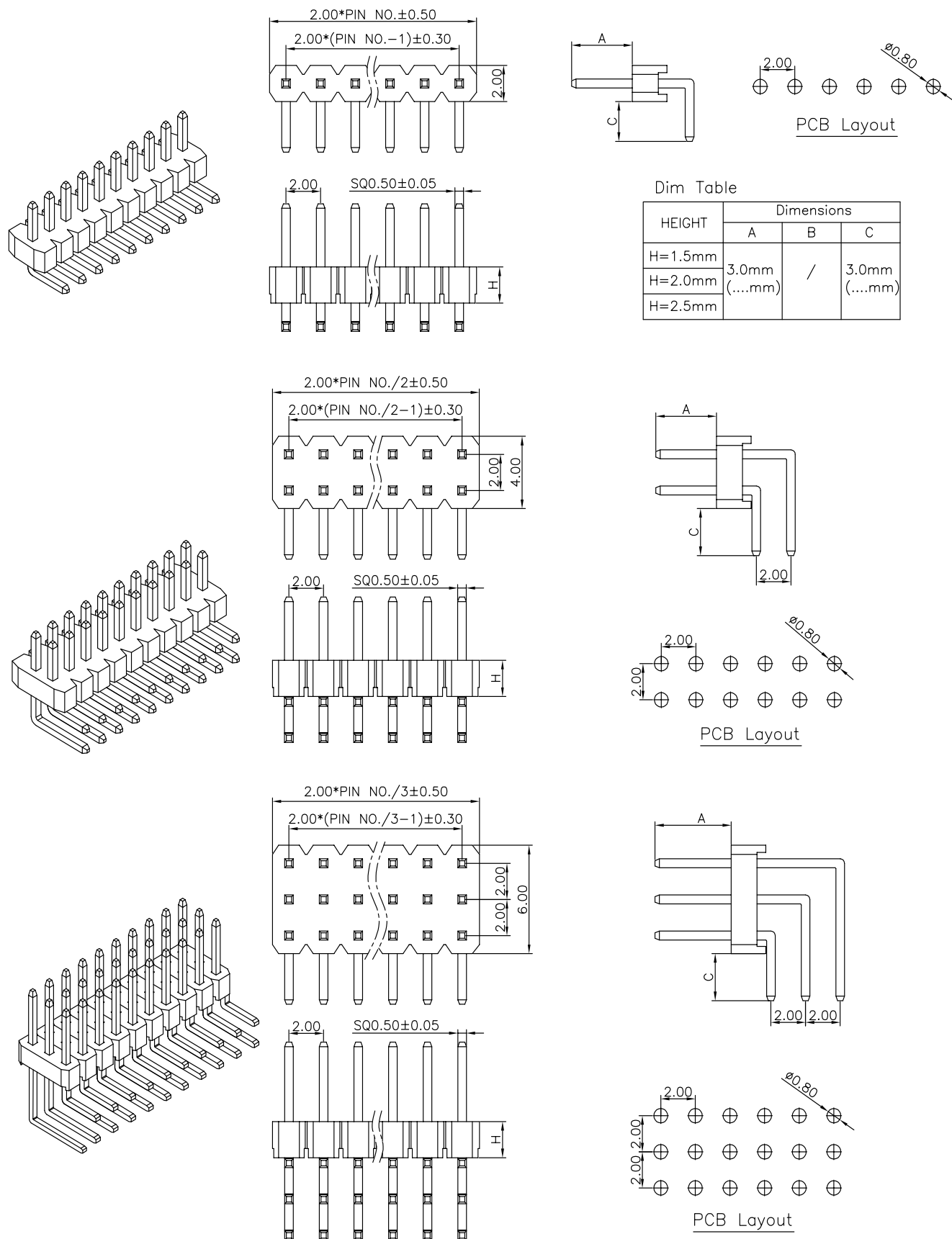
Dim Table

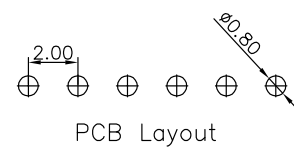
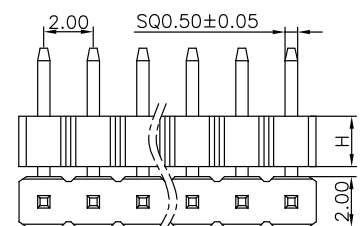
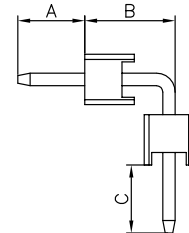
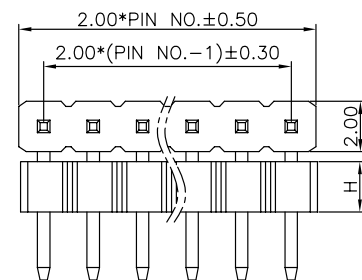
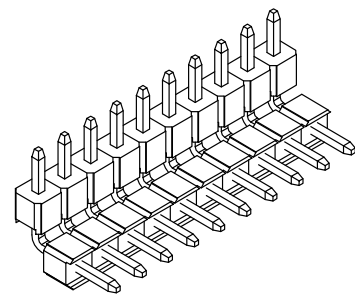
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			



Dim Table

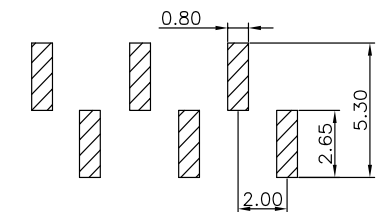
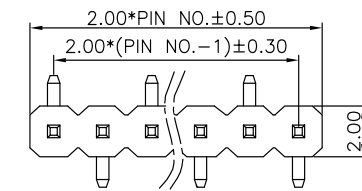
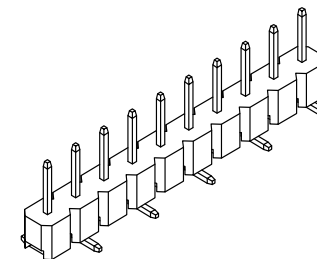
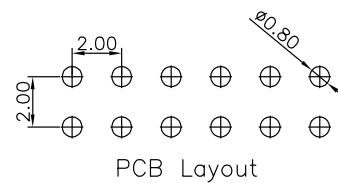
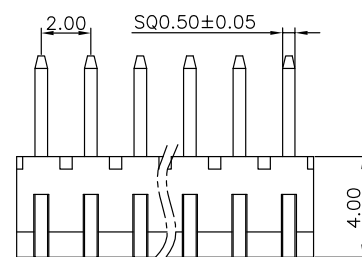
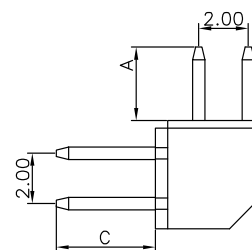
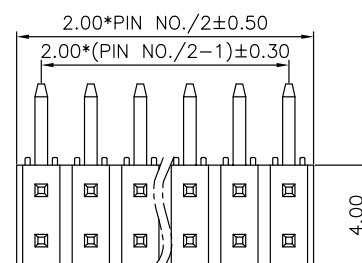
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			



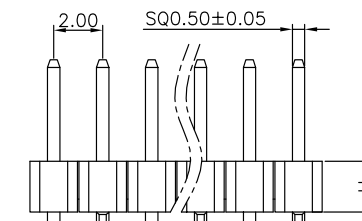


Dim Table

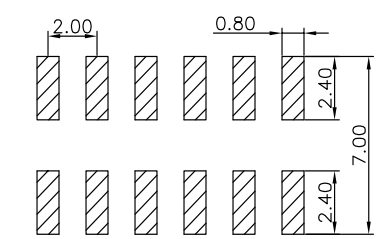
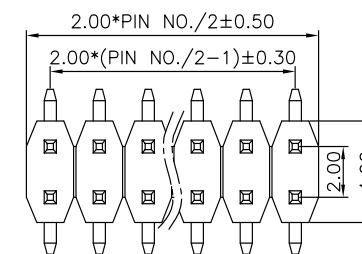
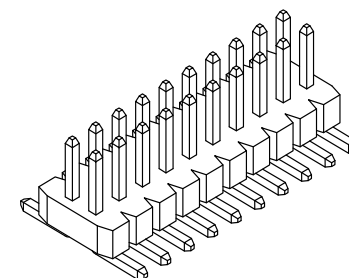
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	3.65mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			



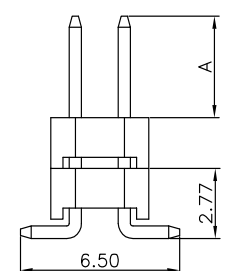
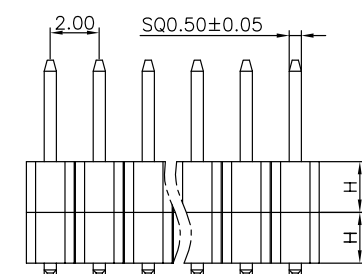
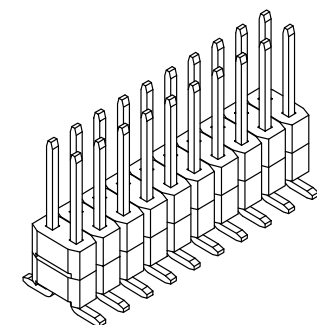
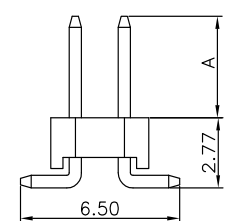
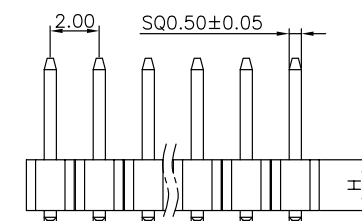
PCB Layout

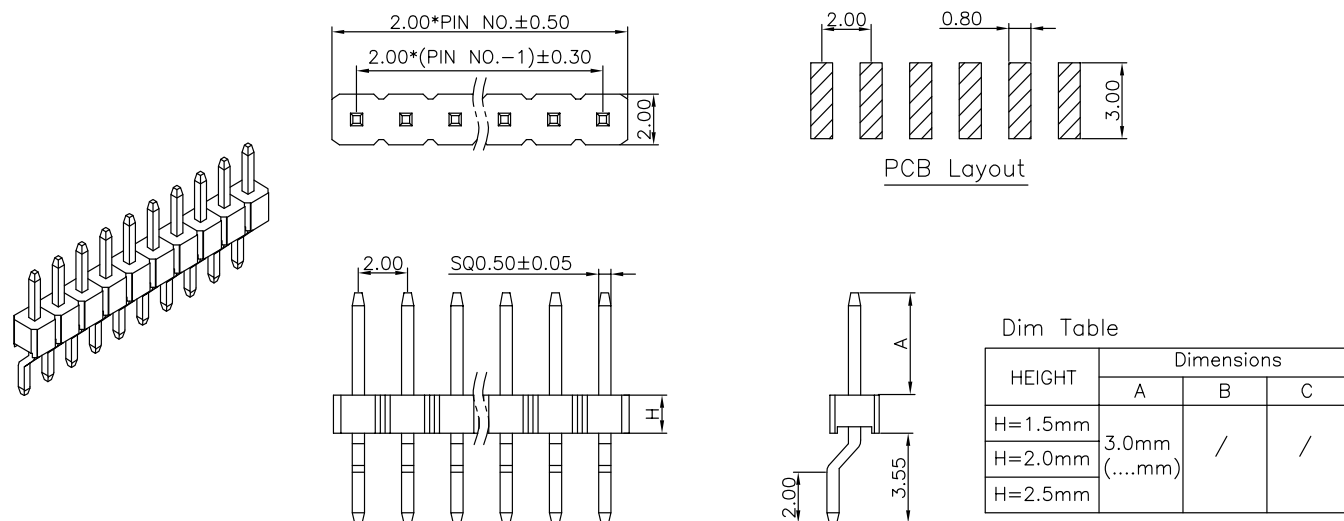


HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	/	/
H=2.0mm	(....mm)	/	/
H=2.5mm			



PCB Layout





Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

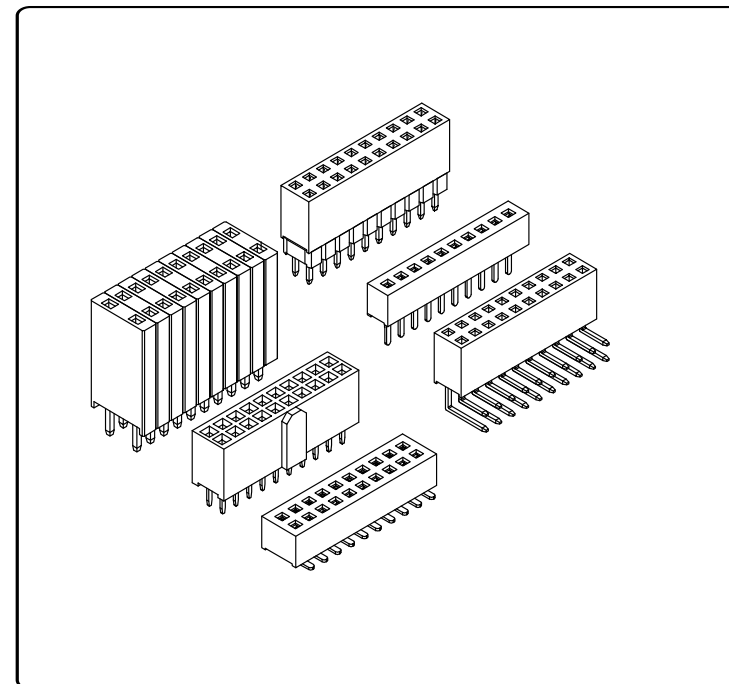
Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F



FH2005 XX F 0-X XX 1 X X X

SERIES NO: _____ HOUSING: THERMOPLASTIC

HEIGHT: _____ COLOR: A-BLACK

See Dim Table 15-(H=1.5mm)

.... PLATING: A-ALL AU G/F

MALE FEMALE: F-FEMALE

ANGLE: 0-180° TERMPOINT: 1-DIP 2-SMT

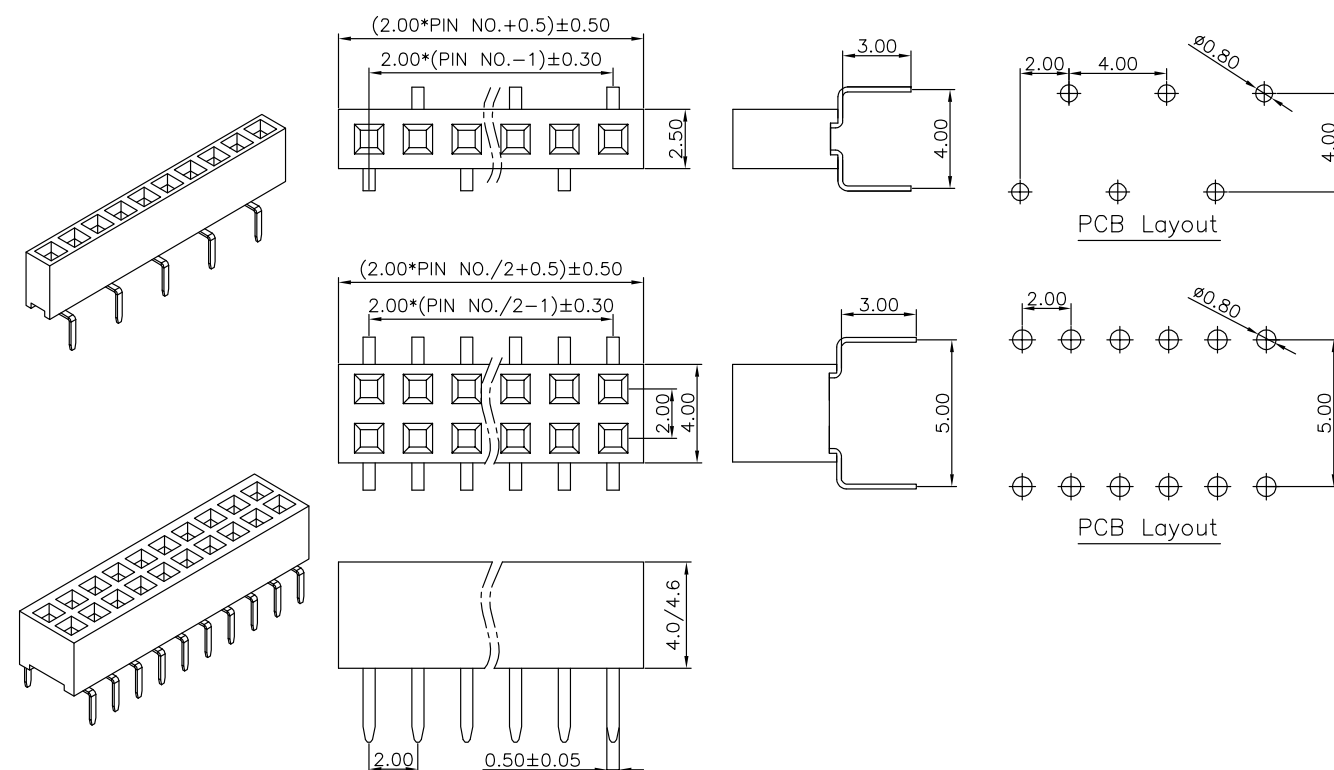
9-90°

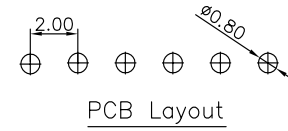
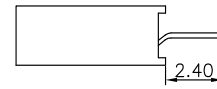
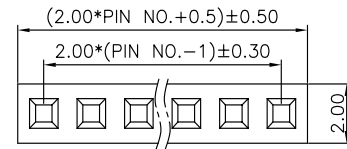
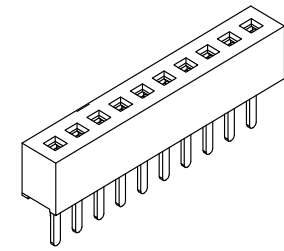
ROW NO: 1-SINGLE ROW 2-DOUBLE ROW 3-THREE ROWS

PIN Q'PY: 02~80

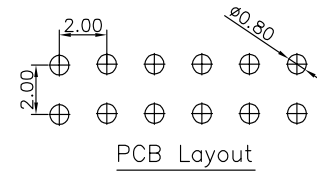
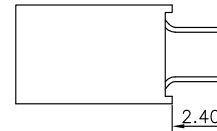
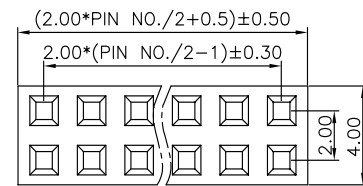
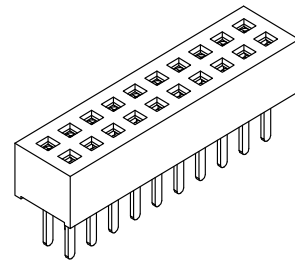
FH2005 SERIES

Pitch 2.00mm DIP Straight Type 1&2 row Female Header

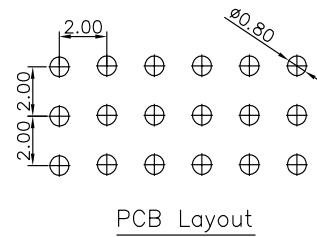
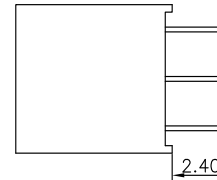
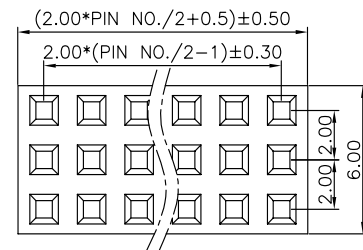
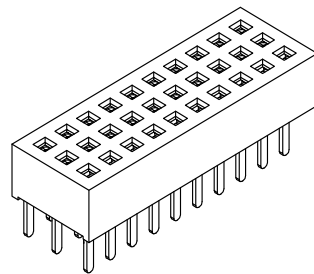




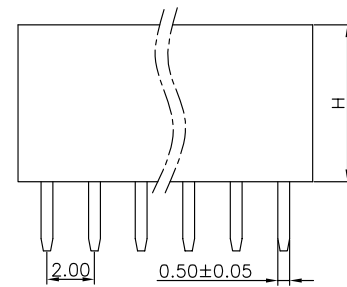
PCB Layout



PCB Layout

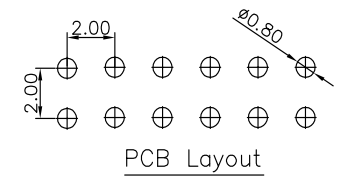
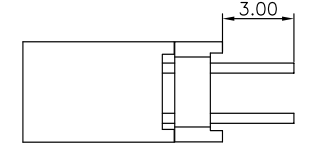
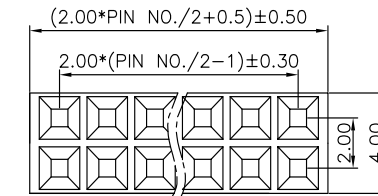
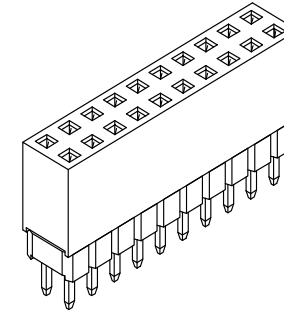


PCB Layout

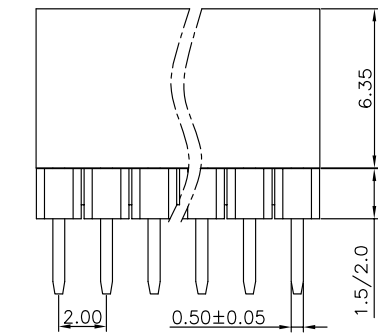


Dim Table

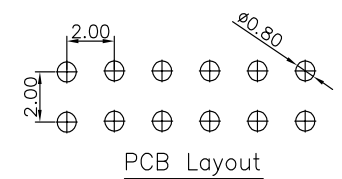
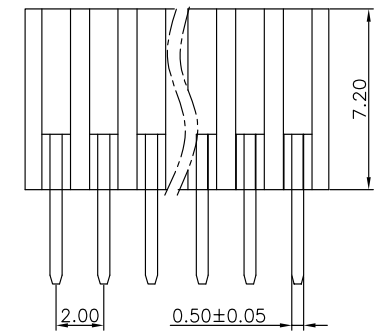
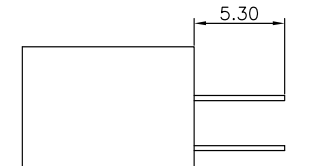
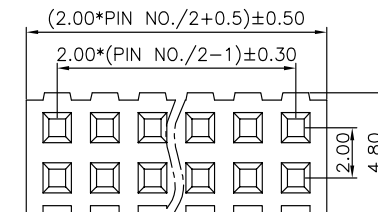
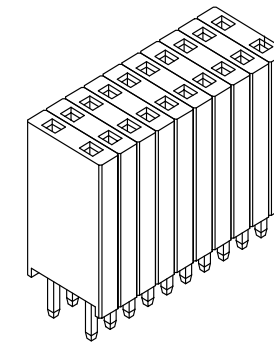
HEIGHT	
H=2.1mm	H=4.6mm
H=4.0mm	H=6.35mm
H=4.3mm	



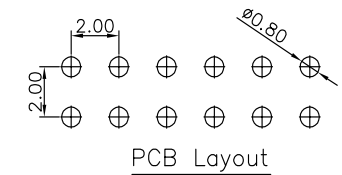
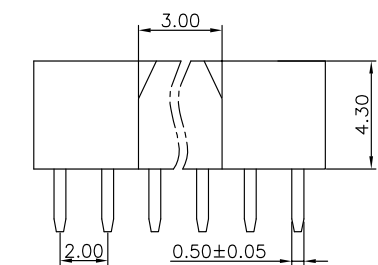
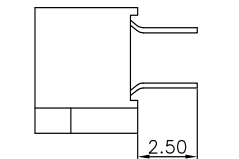
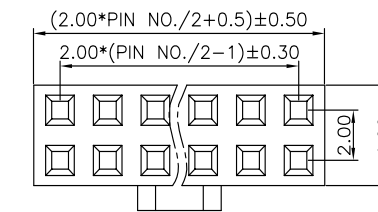
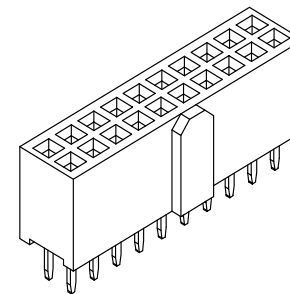
PCB Layout



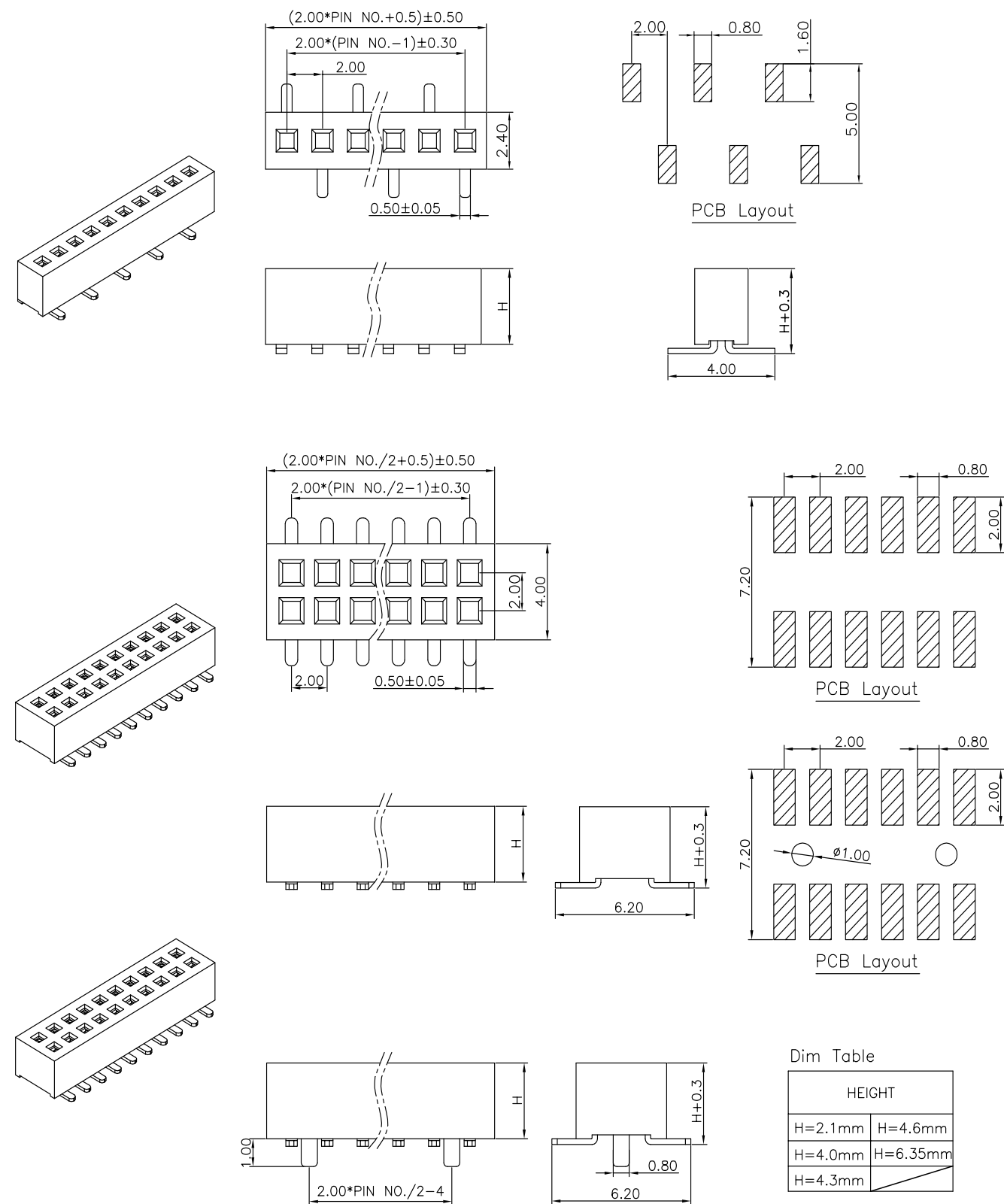
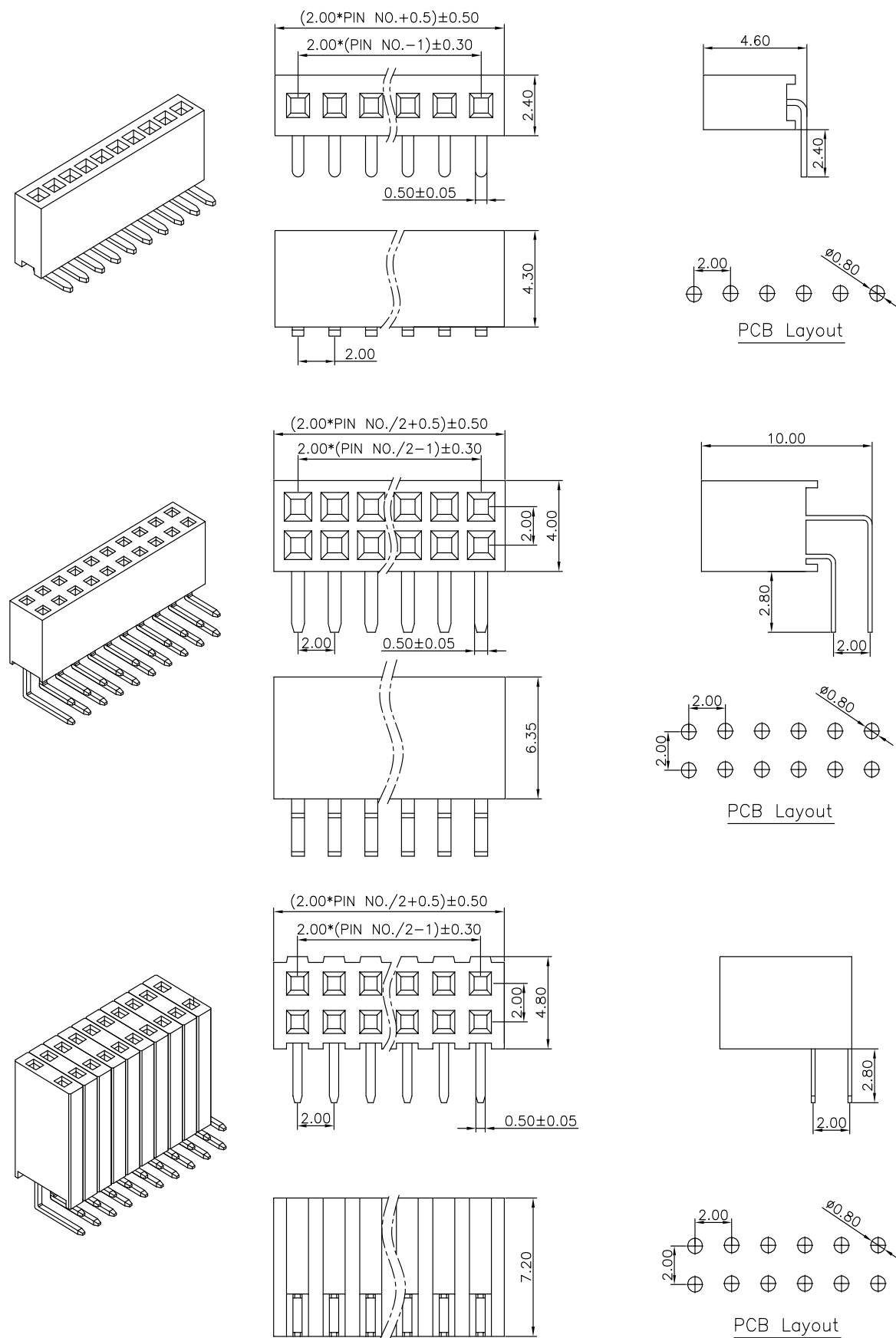
排针塑高

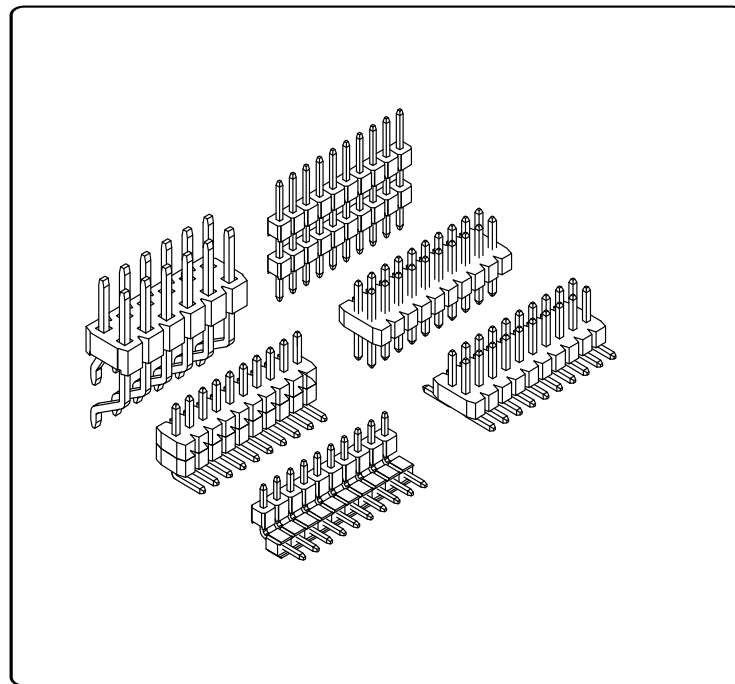


PCB Layout



PCB Layout





Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 3A

Contact resistance: $30\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

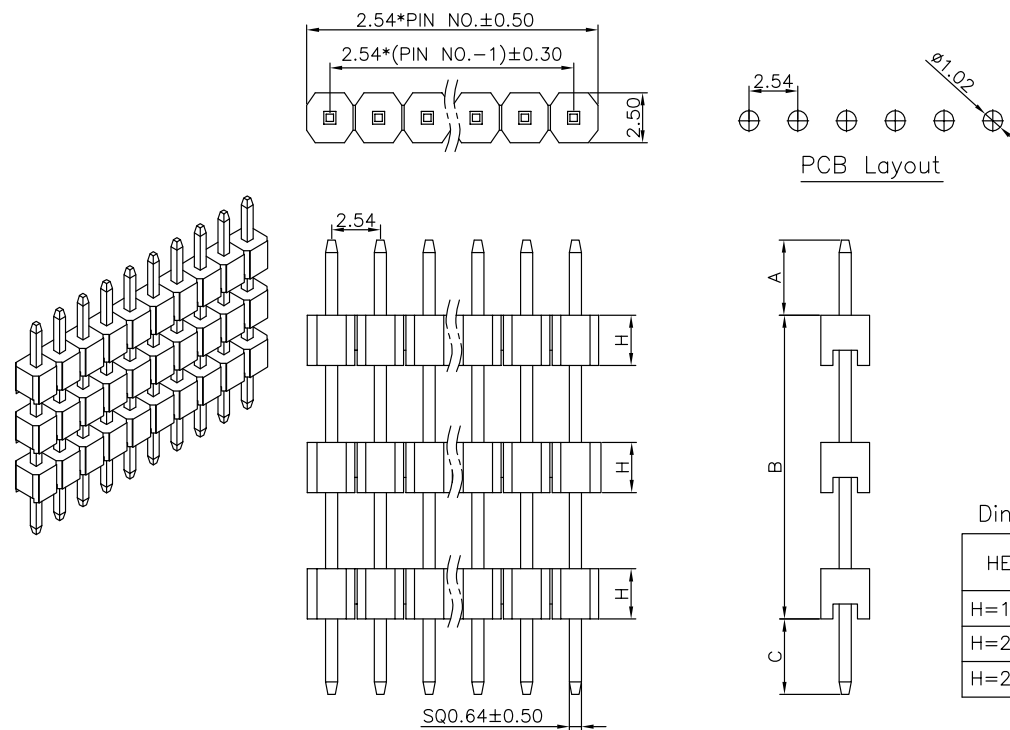
Plating Specification: All Au G/F

PH2541 XX M 0-X XX 1 X X X
 SERIES NO: XX M 0-X XX 1 X X X HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table COLOR: A-BLACK
 20-(H=2.0mm)

 MALE FEMALE: PLATING: A-ALL AU G/F
 M-MALE TERMPOINT: 1-DIP 2-SMT
 ANGLE: 0-180°
 9-90° PIN Q' PY: 02~80
 ROW NO: 1-SINGLE ROW
 2-DOUBLE ROW
 3-THREE ROWS

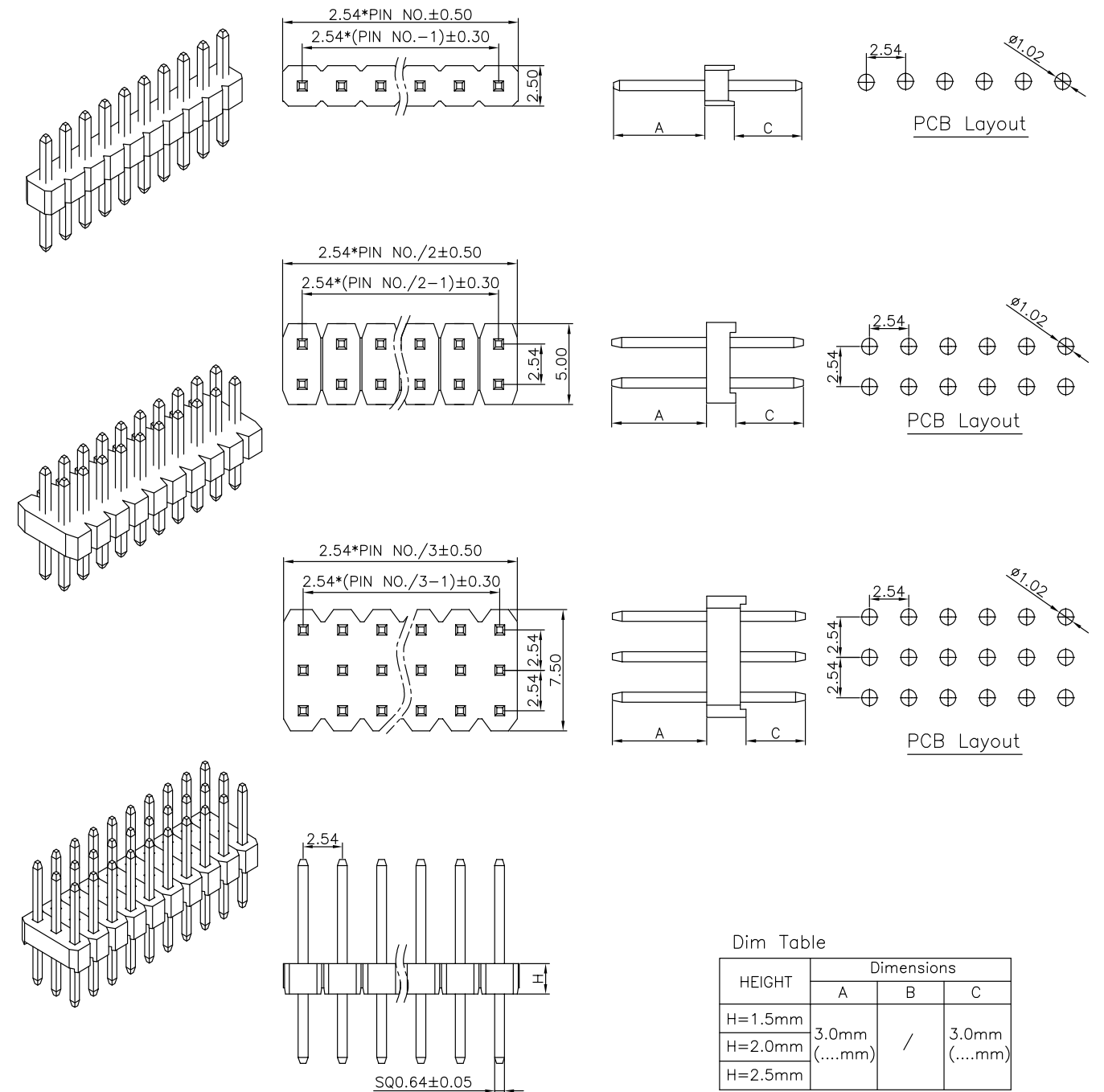
PH2541 SERIES

Pitch 2.54mm DIP Straight Type 1 row Pin Header



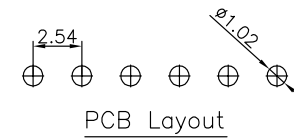
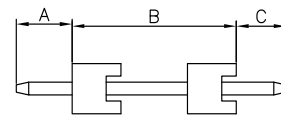
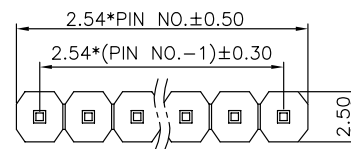
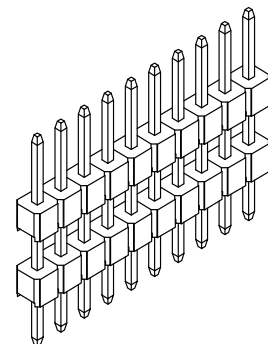
Dim Table

HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			

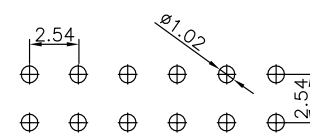
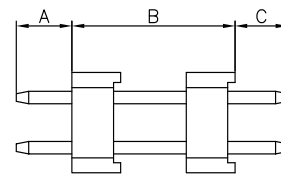
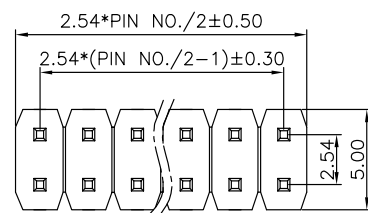
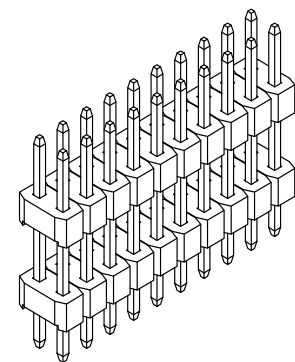


Dim Table

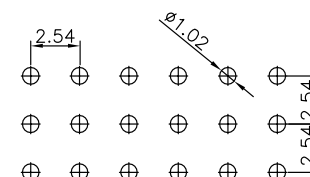
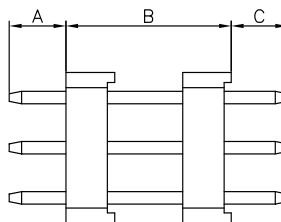
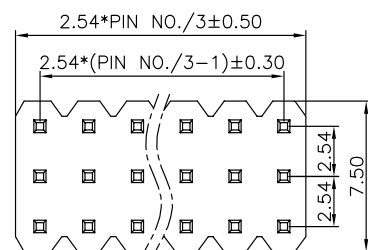
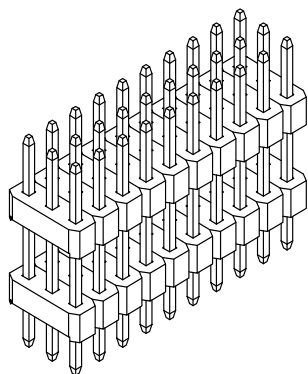
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	/	3.0mm
H=2.0mm	(....mm)		(....mm)
H=2.5mm			



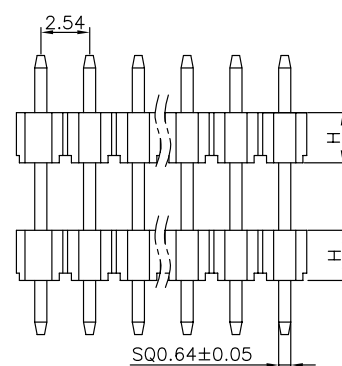
PCB Layout



PCB Layout

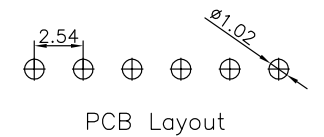
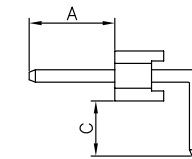
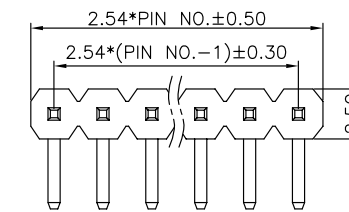
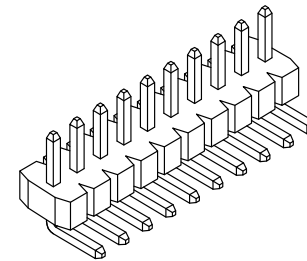


PCB Layout

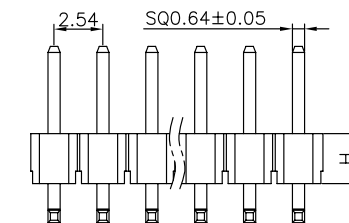


Dim Table

HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			

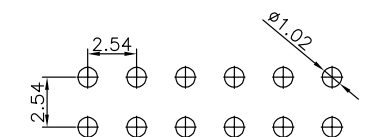
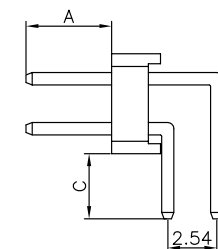
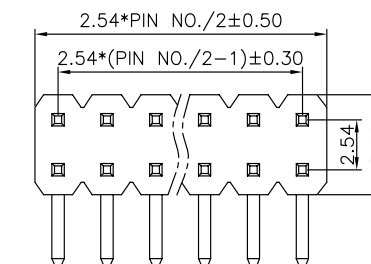
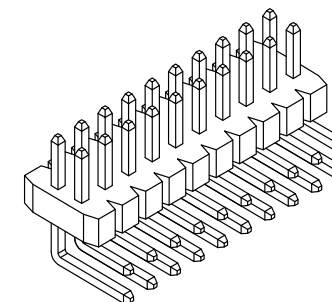


PCB Layout

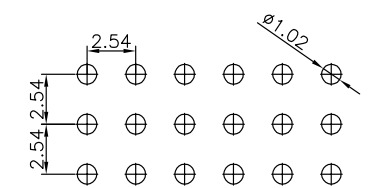
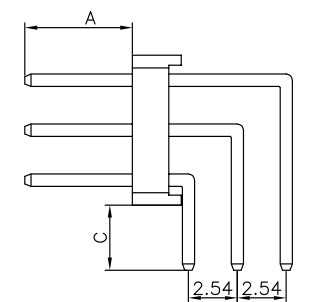
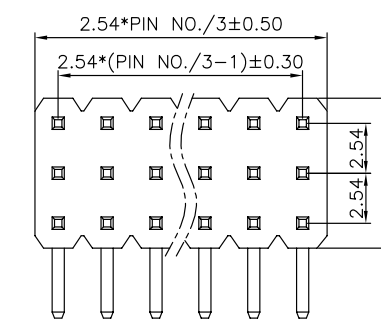
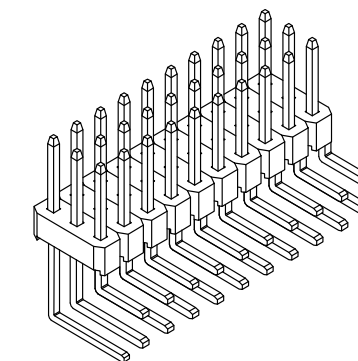
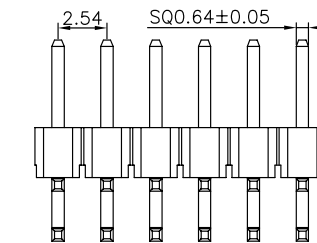


Dim Table

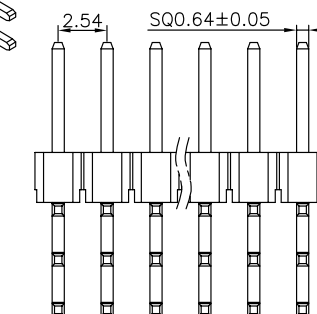
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	/	3.0mm
H=2.0mm	(....mm)	/	(....mm)
H=2.5mm			

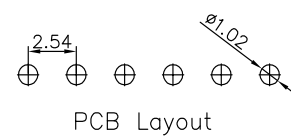
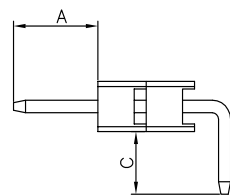
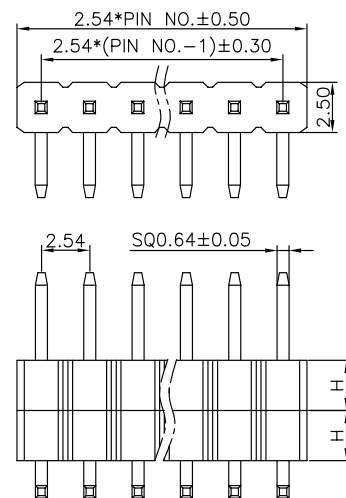
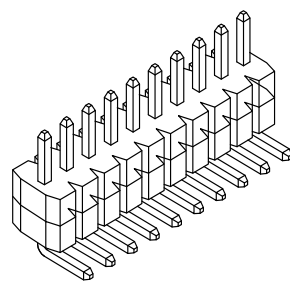


PCB Layout

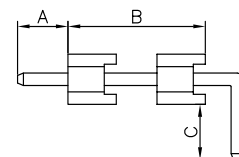
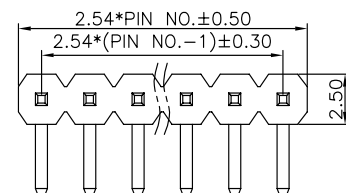
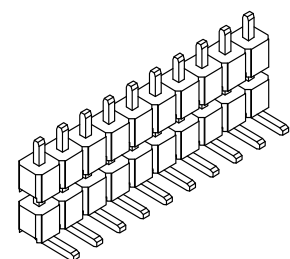


PCB Layout

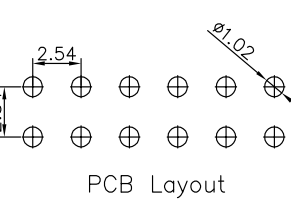
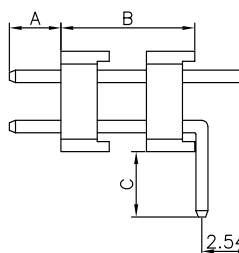
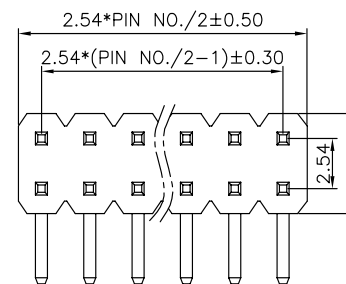




PCB Layout



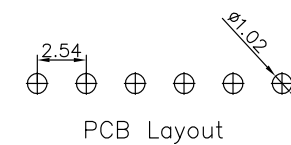
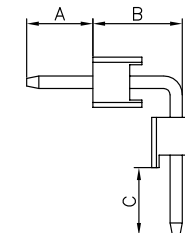
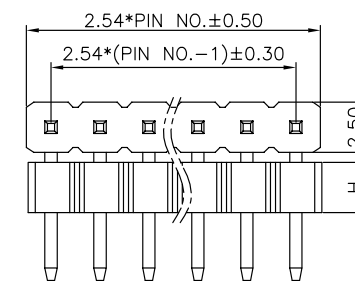
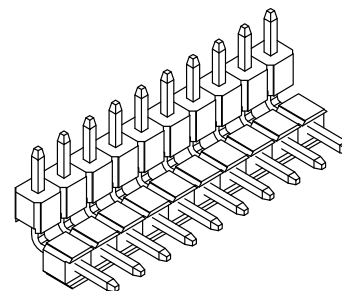
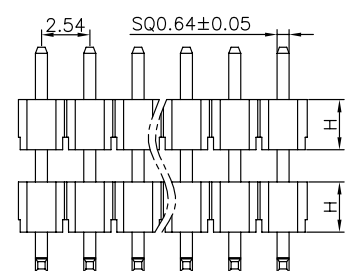
PCB Layout



PCB Layout

Dim Table

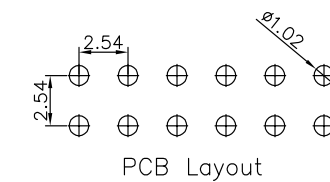
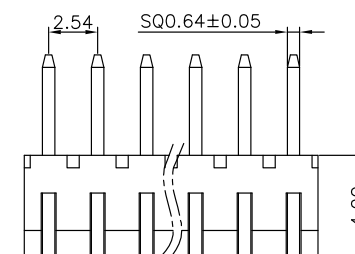
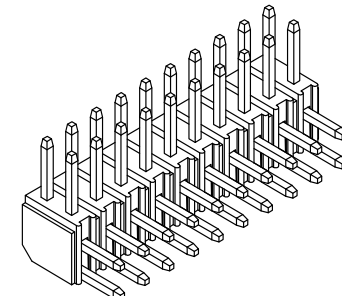
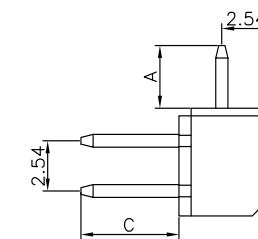
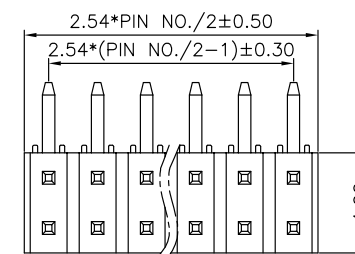
HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			



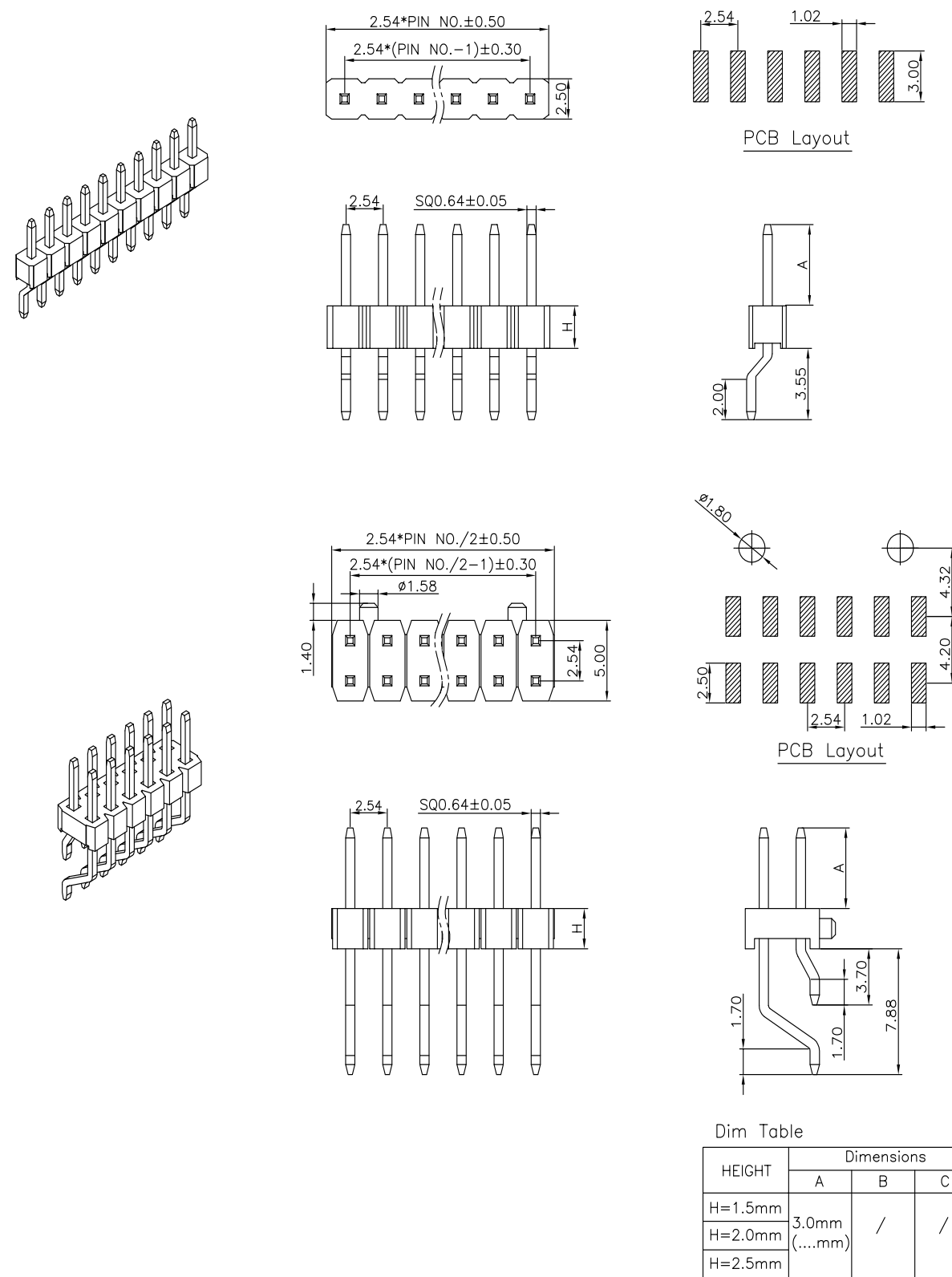
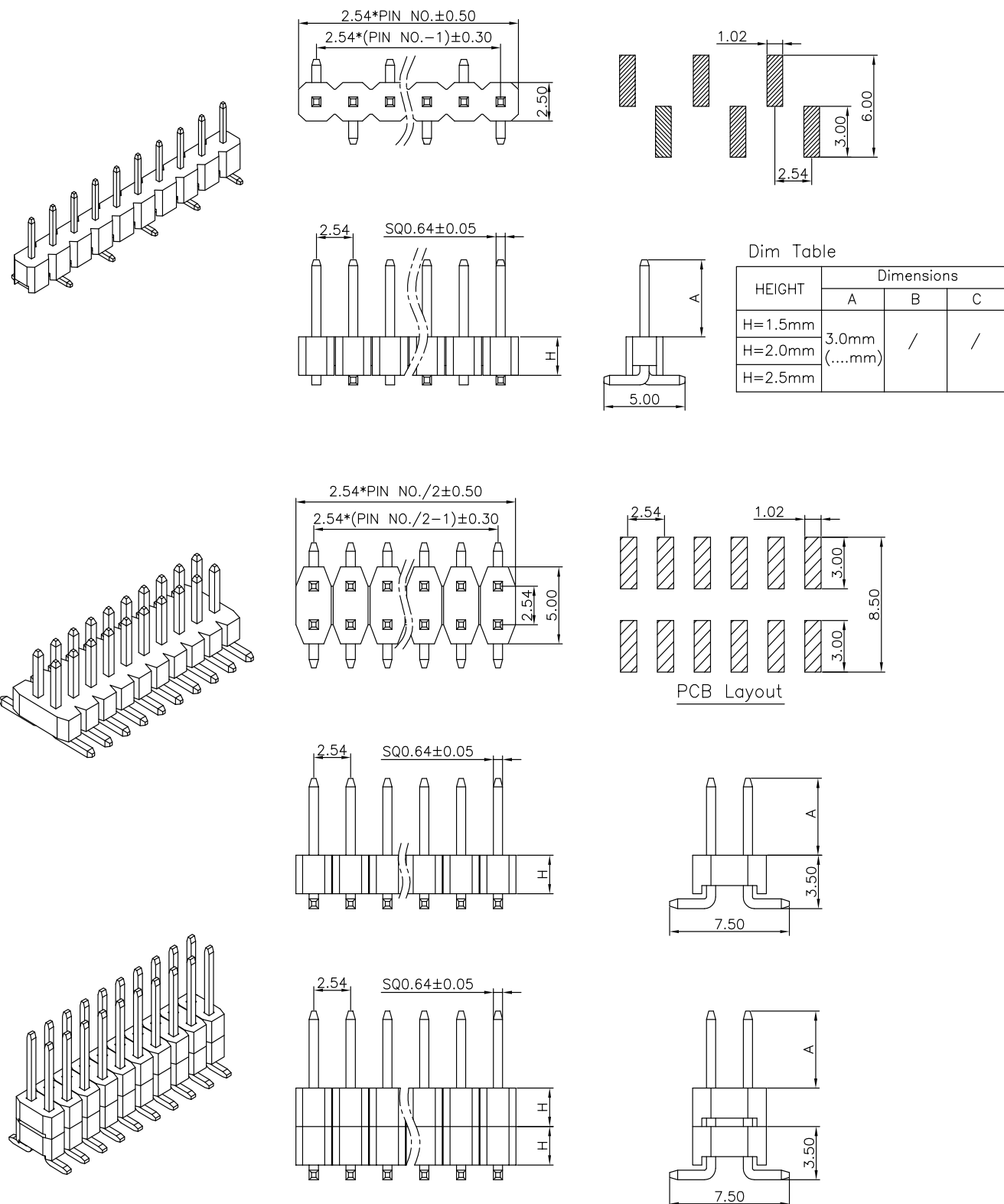
PCB Layout

Dim Table

HEIGHT	Dimensions		
	A	B	C
H=1.5mm	3.0mm	6.0mm	3.0mm
H=2.0mm	(....mm)	(....mm)	(....mm)
H=2.5mm			



PCB Layout



Specifications

Temperature range: -40°C~+105°C

Current rating: 3A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

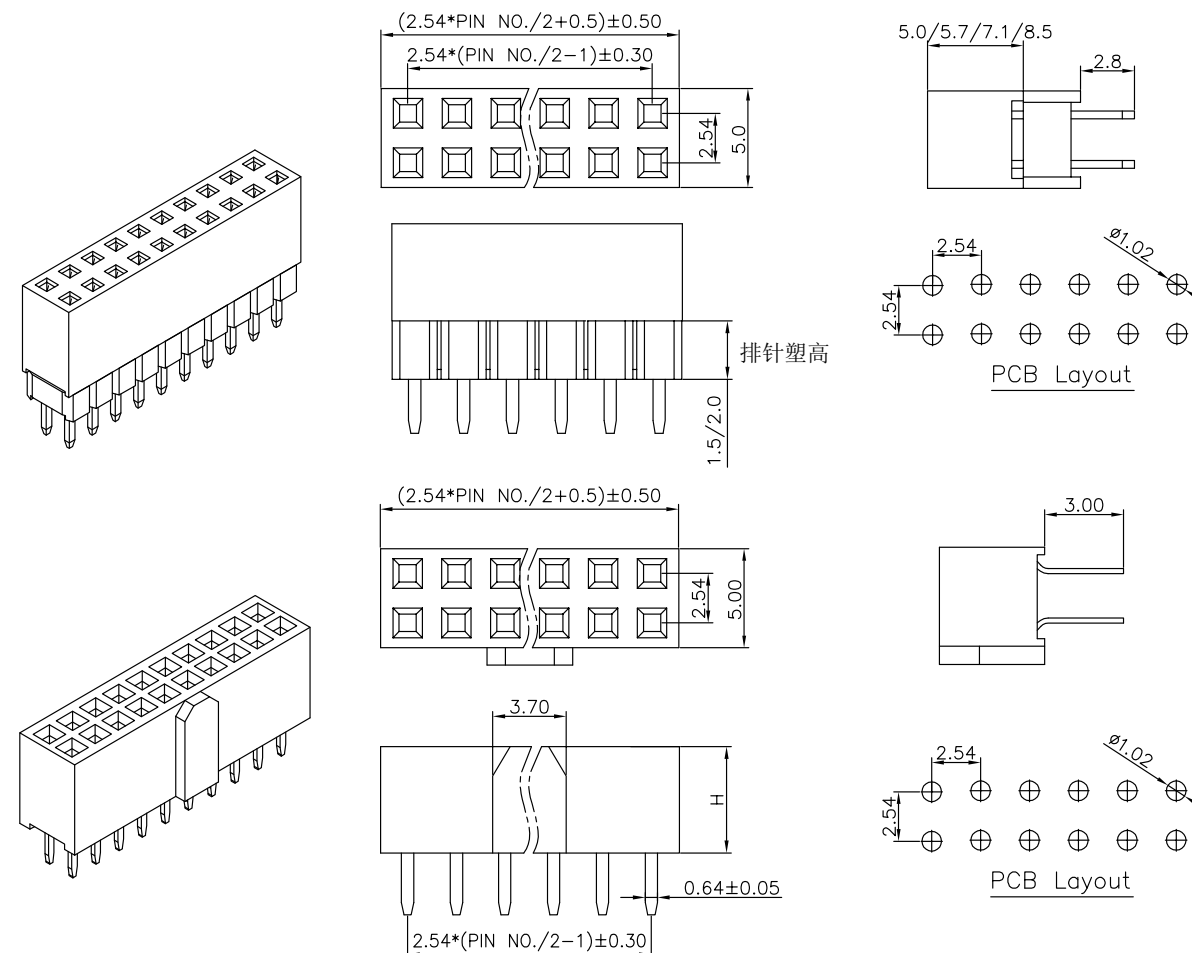
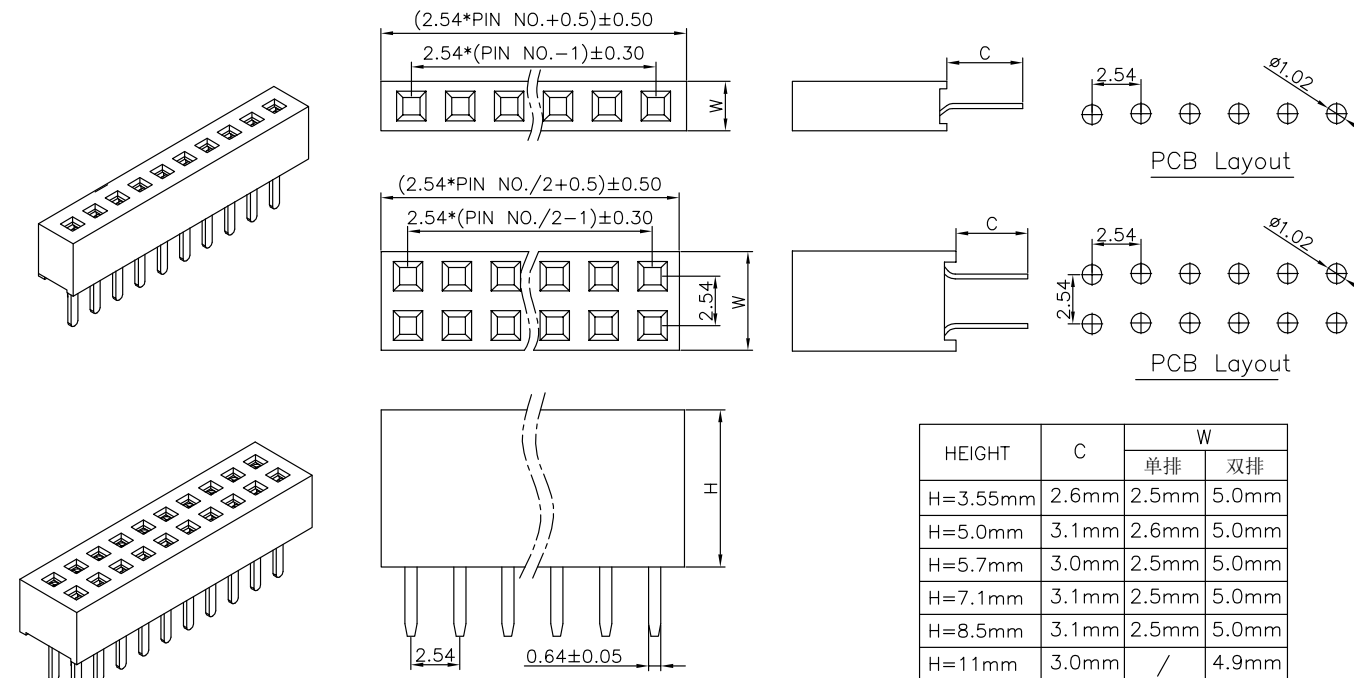
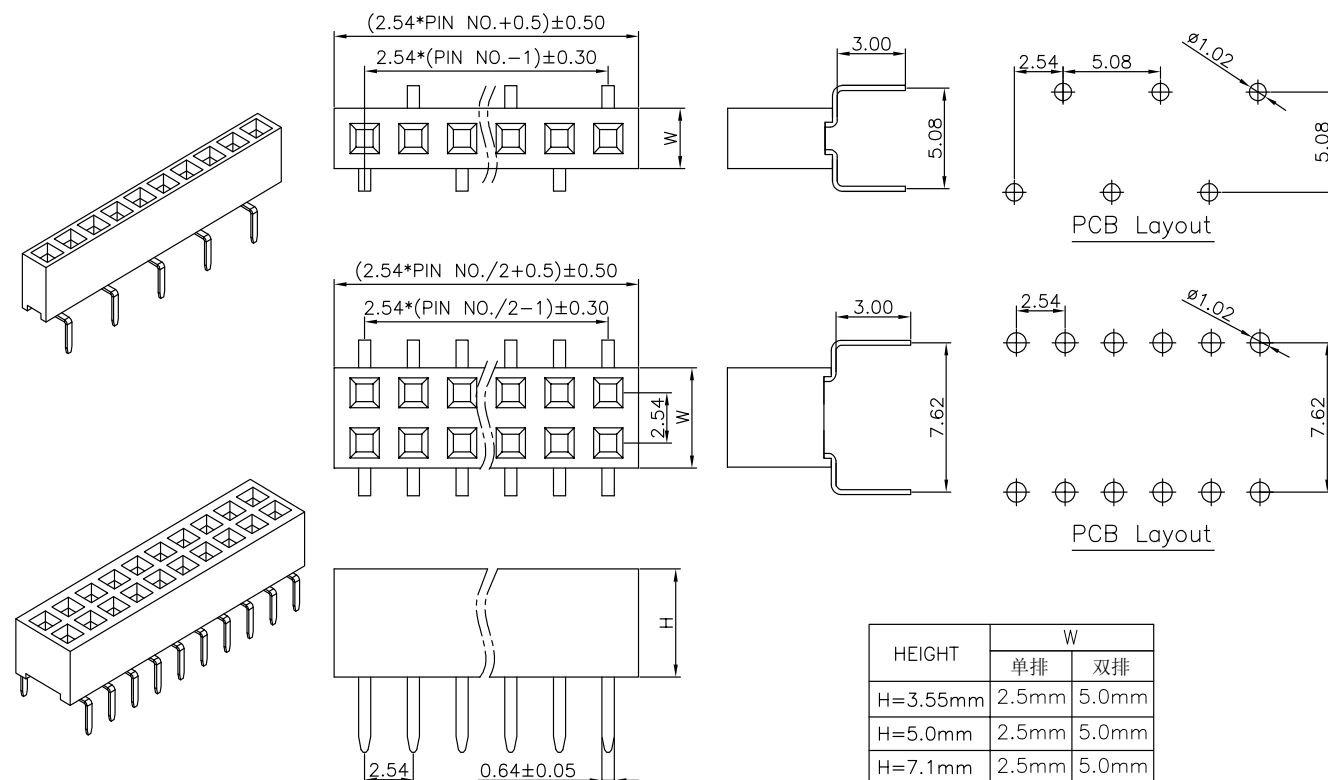
Plating Specification: All Au G/F

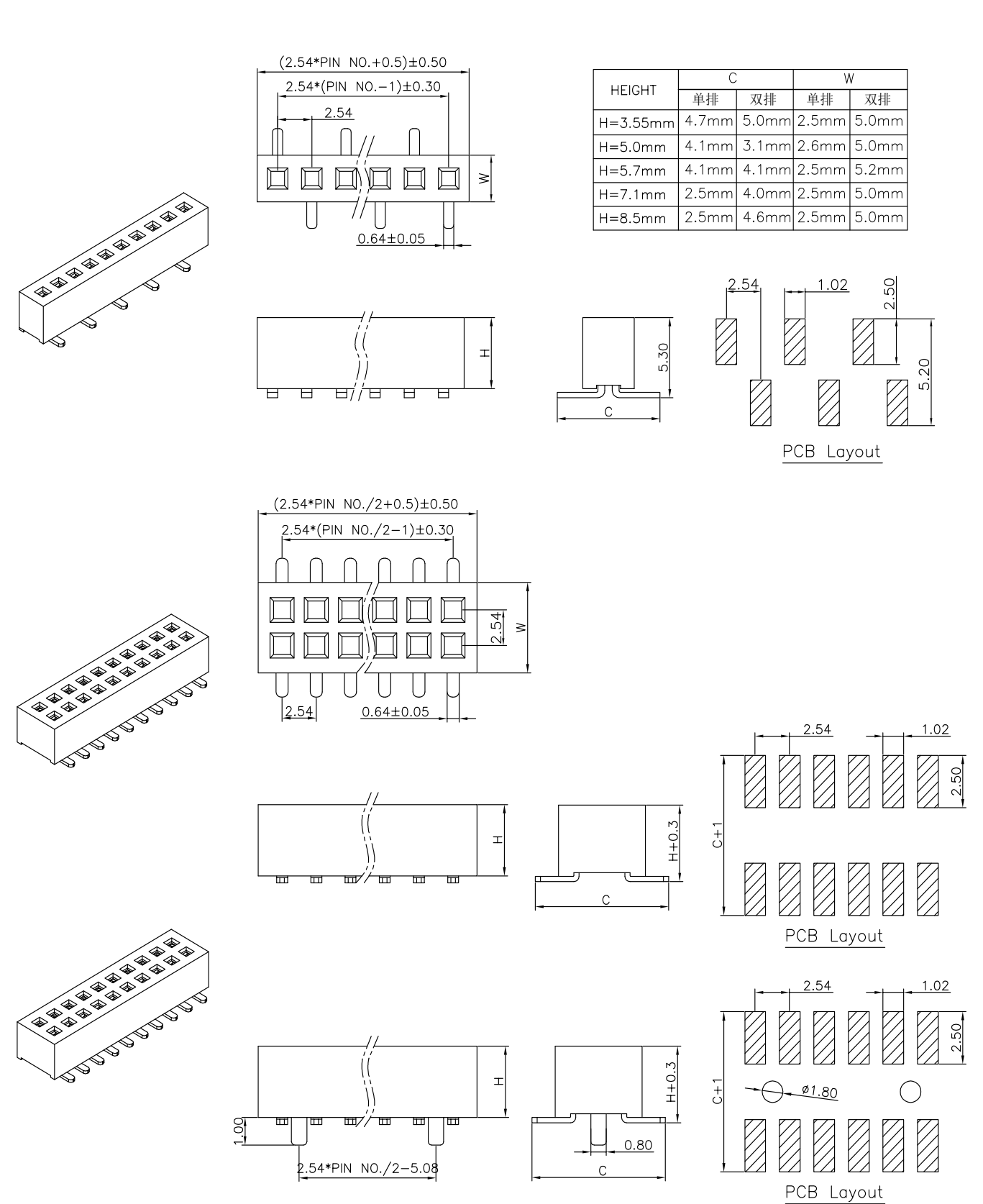
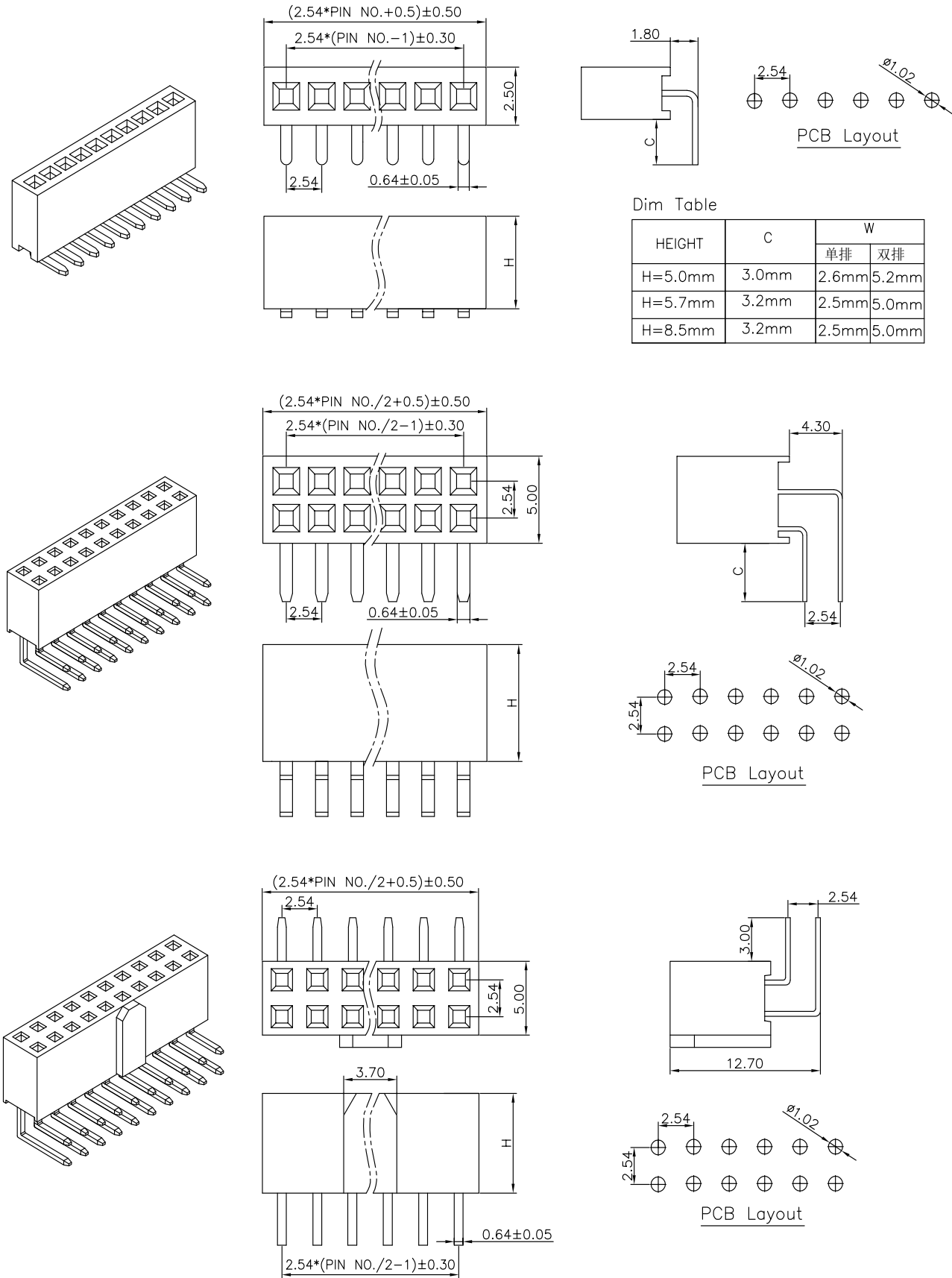
SERIES NO: FH2541 XX F 0-X XX 1 X X X
 HEIGHT: See Dim Table
 20-(H=2.0mm)

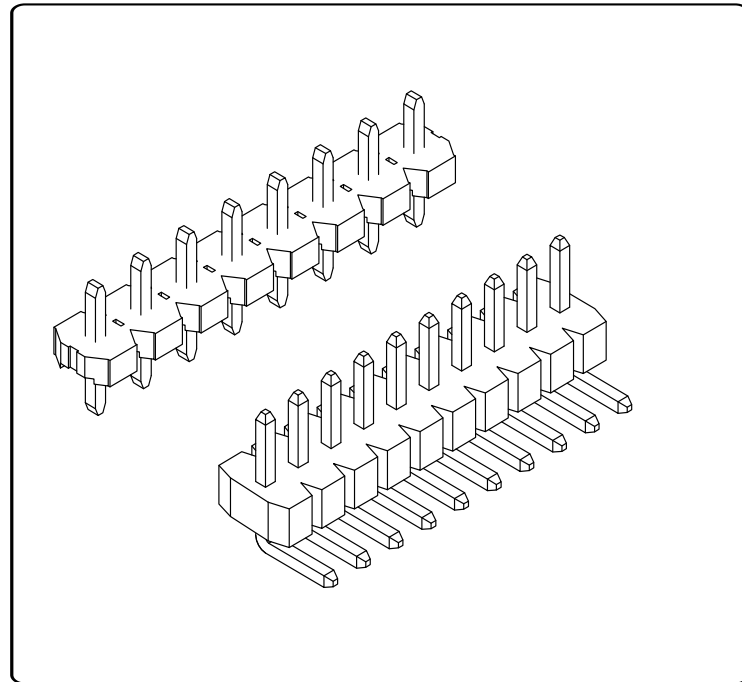
 MALE FEMALE: M-MALE
 ANGLE: 0-180°
 9-90°
 ROW NO: 1-SINGLE ROW
 2-DOUBLE ROW
 3-THREE ROWS
 HOUSING: THERMOPLASTIC
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP
 2-SMT
 PIN Q'PY: 02~80

FH2541 SERIES

Pitch 2.54mm DIP Straight Type 1&2 row Female Header







Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $20\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

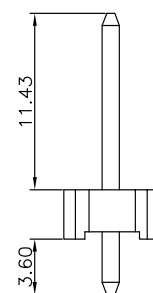
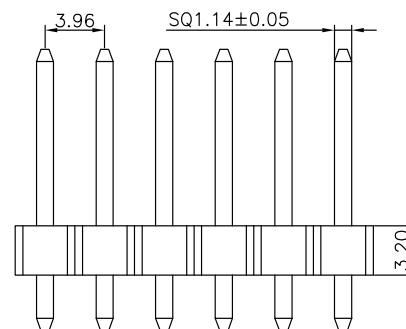
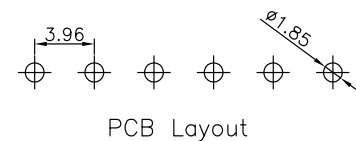
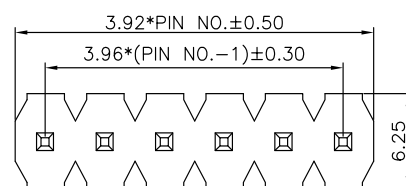
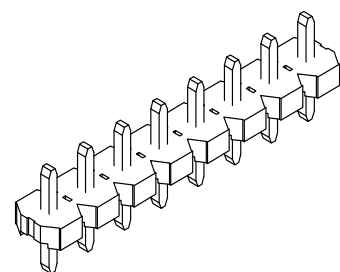
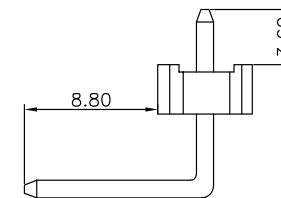
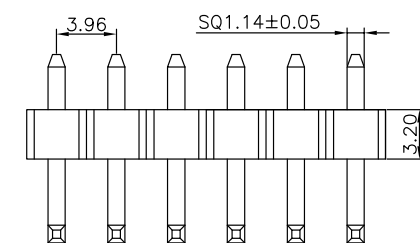
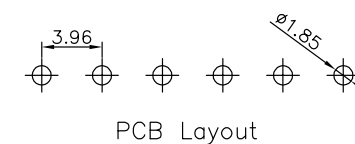
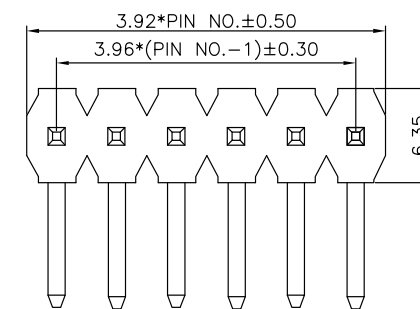
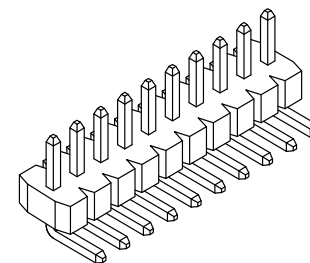
Material Specification:

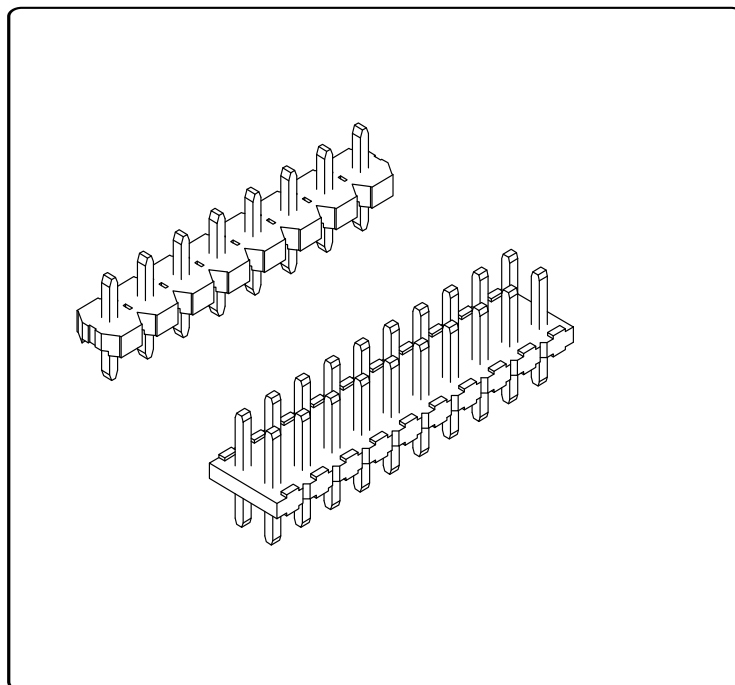
Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

PH3961 XX M 0-X XX 1 X X X
SERIES NO: HOUSING: THERMOPLASTIC
HEIGHT: See Dim Table COLOR: A-BLACK
See Dim Table 32-(H=3.2mm)
MALE FEMALE: PLATING: A-ALL AU G/F
M-MALE
ANGLE: TERMIPOINT: 1-DIP
0- 180° 2-SMT
9- 90°
ROW NO: PIN Q' PY: 02~20
1-SINGLE ROW
2-DOUBLE ROW





Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $10\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

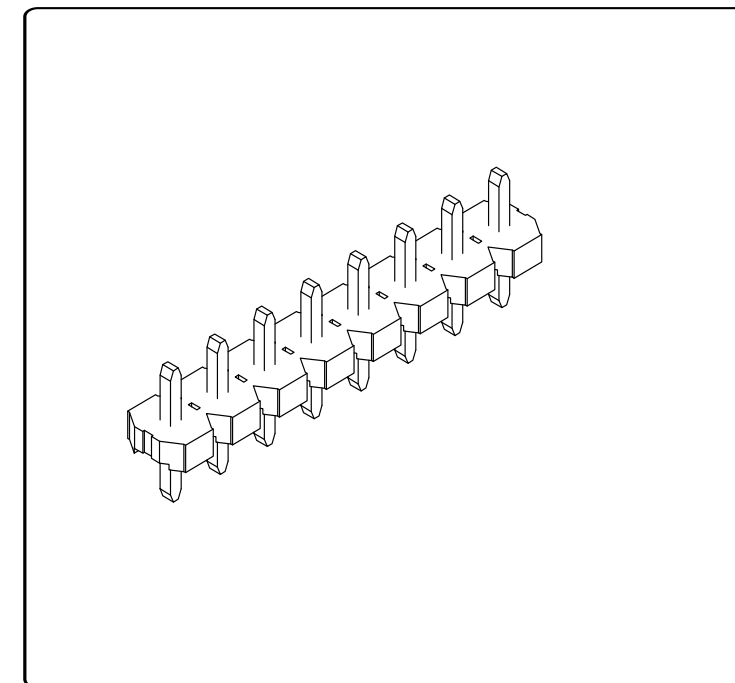
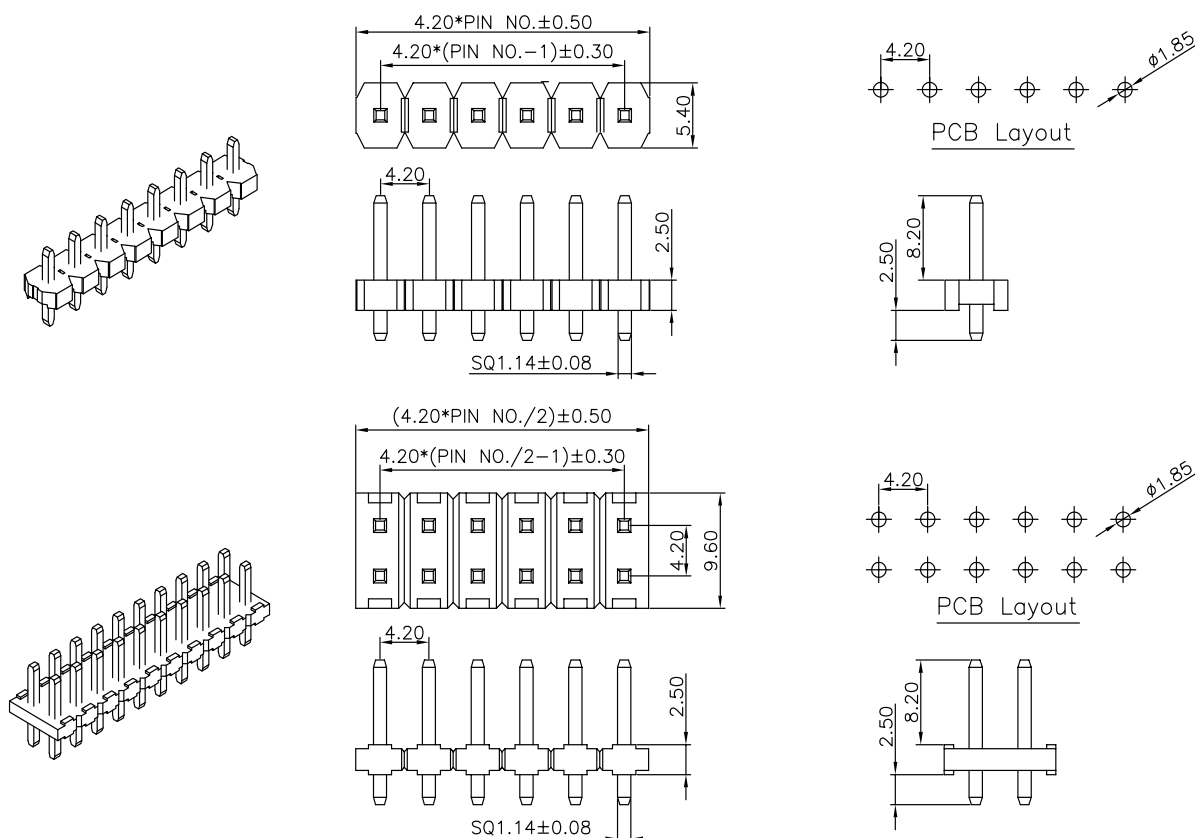
Terminal: Copper Alloy

Plating Specification: All Au G/F

PH4201 XX M 0-X XX 1 X X X
 SERIES NO: HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table 25-(H=2.5mm) COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 MALE FEMALE: M-MALE TERMIPOINT: 1-DIP 2-SMT
 ANGLE: 0-180° 9-90° PIN Q'PY: 02~20
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW

PH4201 SERIES

Pitch 4.20mm DIP Straight Type 1&2 row Pin Header



Specifications

Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$

Current rating: 7A

Contact resistance: $20\text{m}\Omega$ Max

Insulation resistance: $1000\text{M}\Omega$ Min

Withstand voltage: 800V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

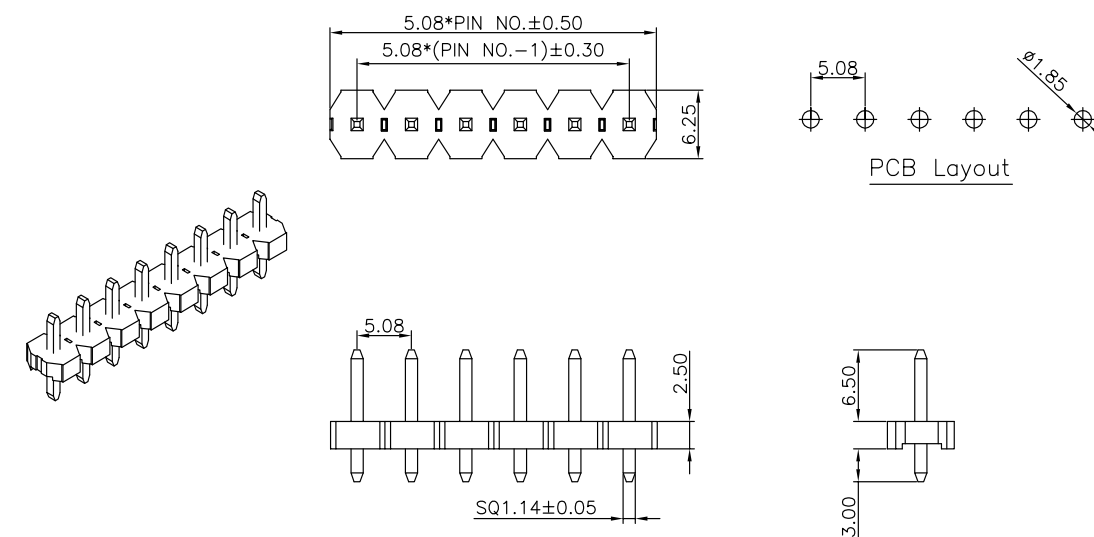
Terminal: Copper Alloy

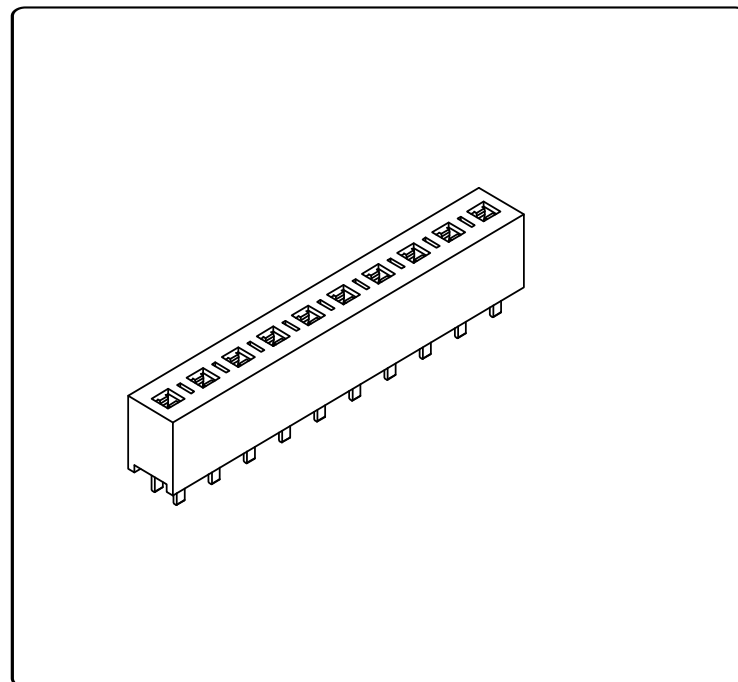
Plating Specification: All Au G/F

PH5081 XX M 0-X XX 1 X X X
 SERIES NO: HOUSING: THERMOPLASTIC
 HEIGHT: See Dim Table 20-(H=2.0mm) COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 MALE FEMALE: M-MALE TERMIPOINT: 1-DIP 2-SMT
 ANGLE: 0-180° 9-90° PIN Q'PY: 02~20
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW

PH5081 SERIES

Pitch 5.08mm DIP Straight Type 1 row Pin Header





Specifications

Temperature range: -40°C~+105°C

Current rating: 7A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 800V AC

Material Specification:

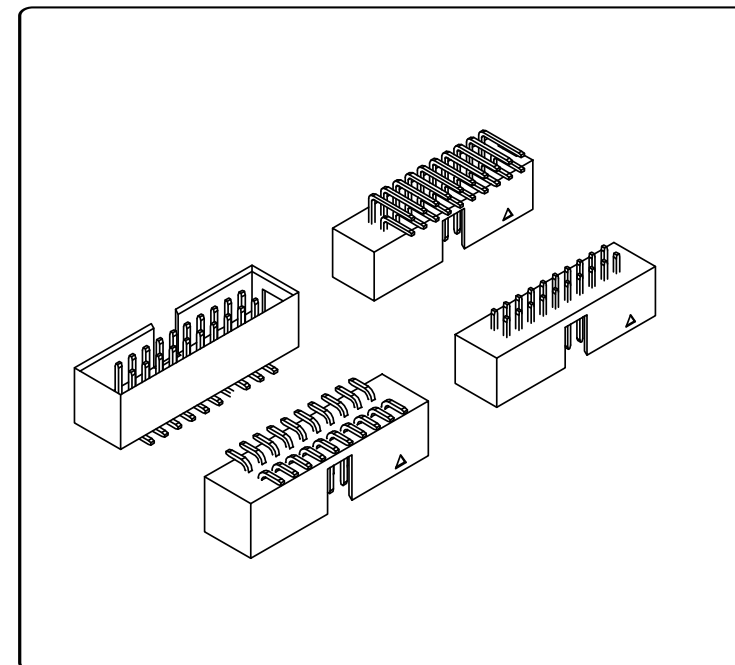
Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: FH5081 XX F 0-X XX 1 X X X
 HEIGHT: See Dim Table 20-(H=2.0mm)

 MALE FEMALE: F-FEMALE
 ANGLE: 0-180° 9-90°
 ROW NO: 1-SINGLE ROW 2-DOUBLE ROW
 HOUSING: THERMOPLASTIC
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP 2-SMT
 PIN Q'PY: 02~20



Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

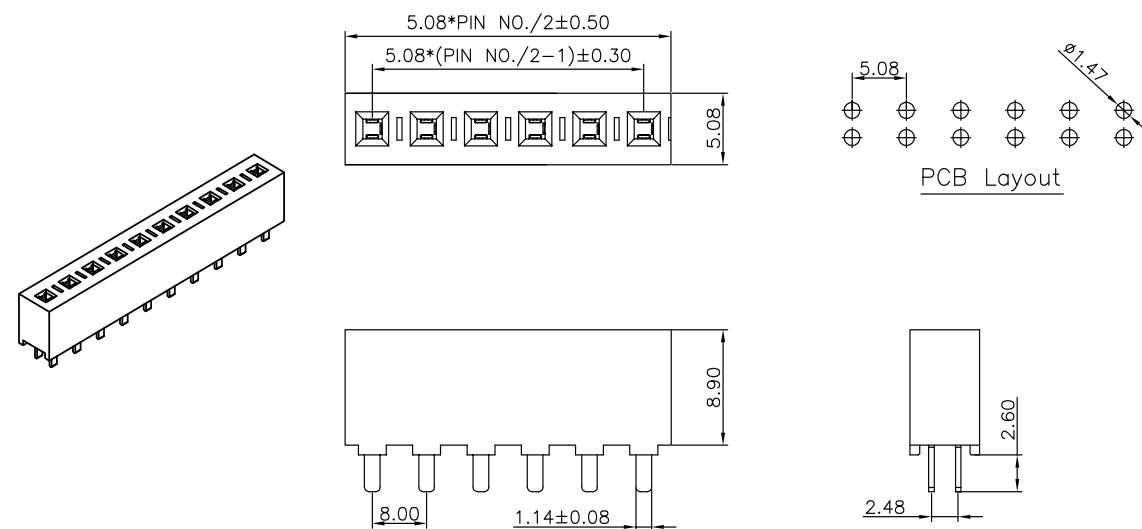
Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: BH2075 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180° 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP 2-SMT
 PIN Q'PY: 06~64

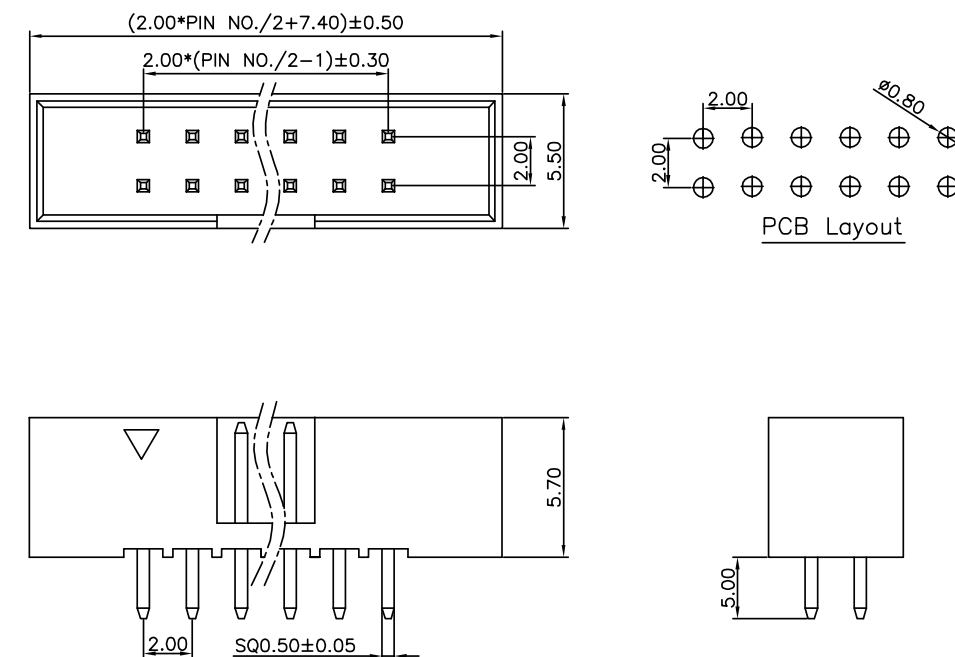
FH5081 SERIES

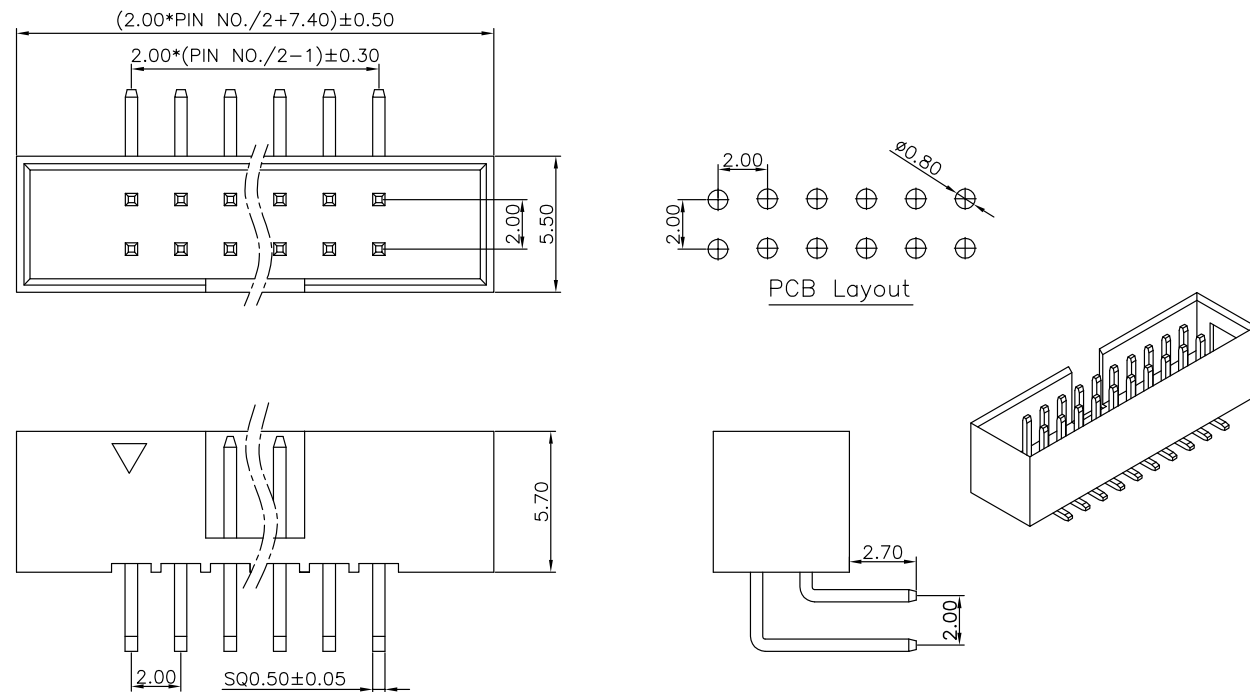
Pitch 5.08mm DIP Straight Type 2 row Female Header



BH2075 SERIES

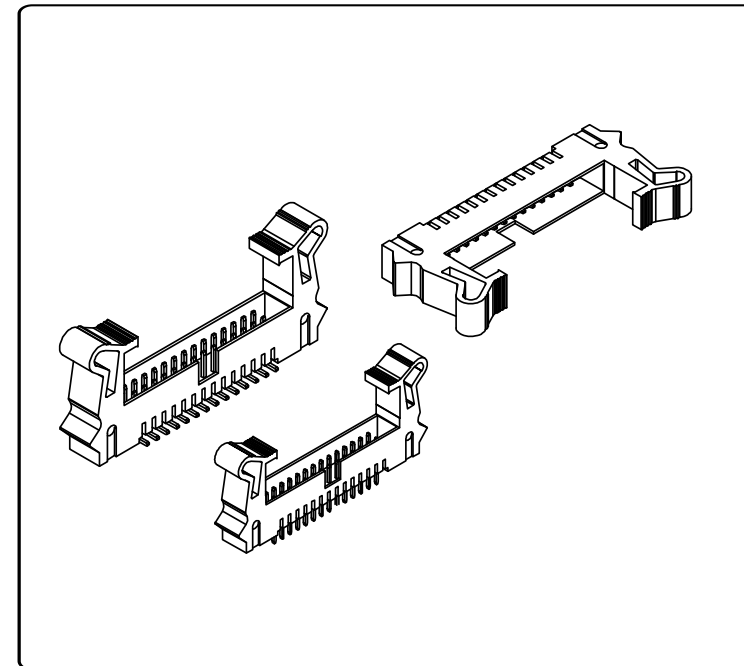
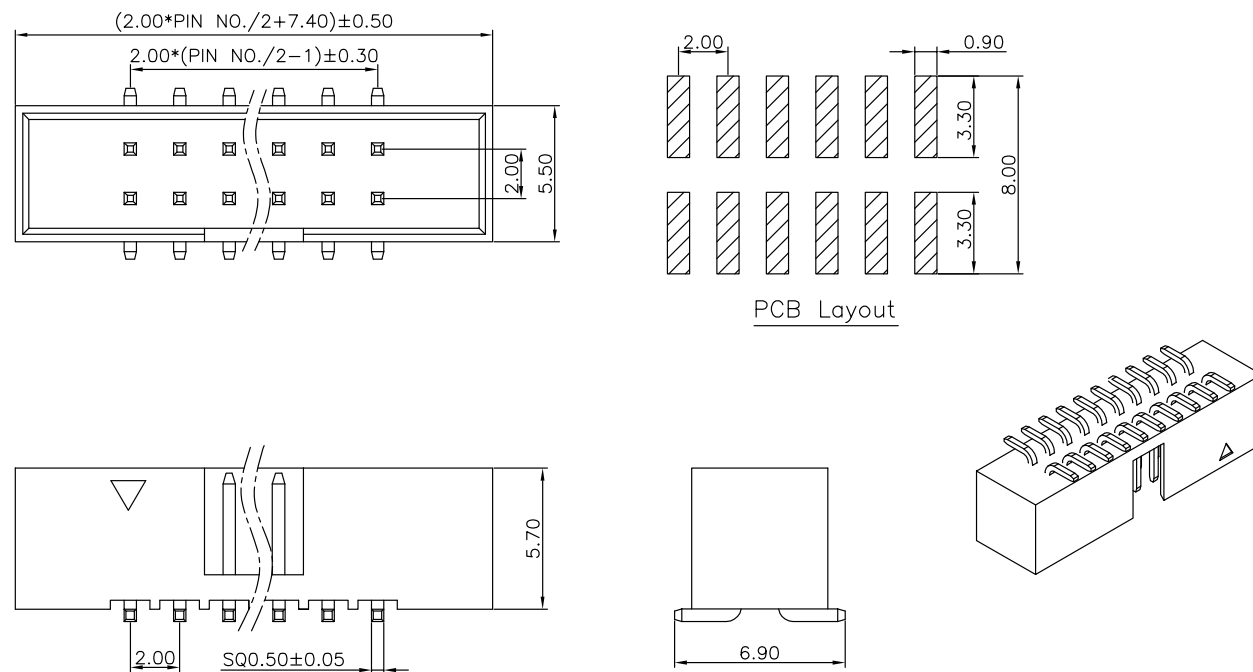
Pitch 2.00mm DIP Straight Type 2 row Box Header





BH2075 SERIES

Pitch 2.00mm SMT Straight Type 2 row Box Header



Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

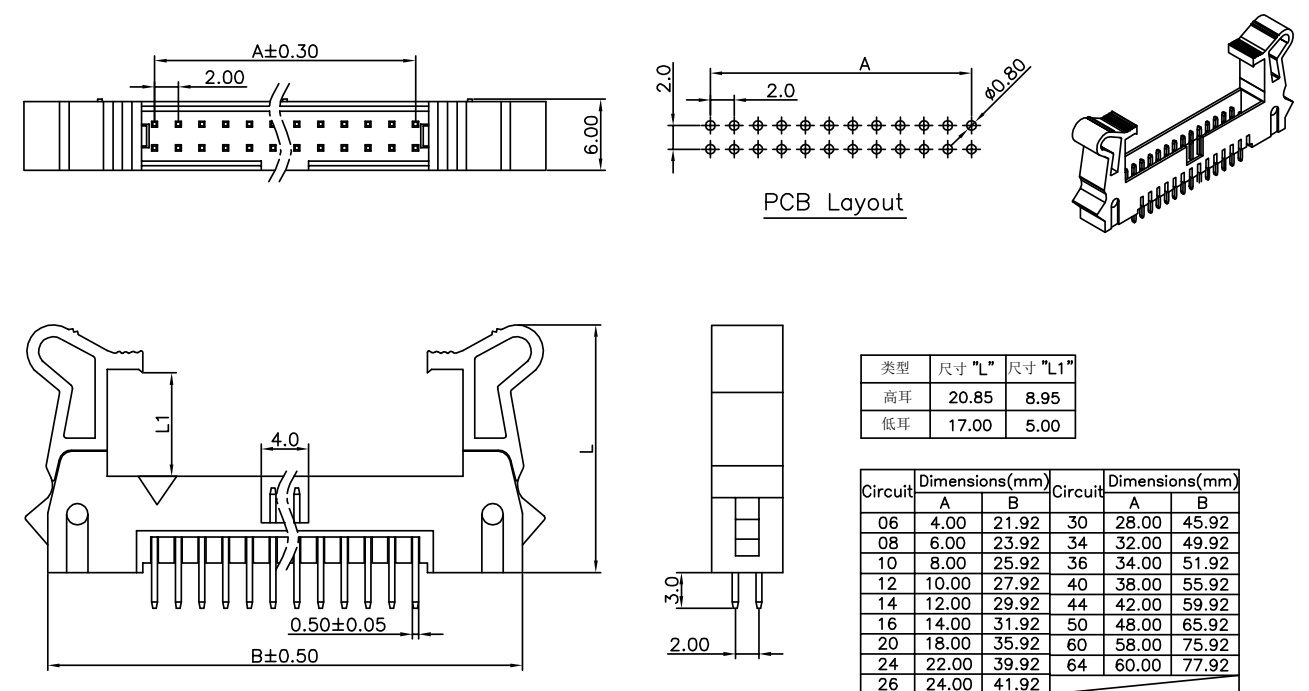
Terminal: Copper Alloy

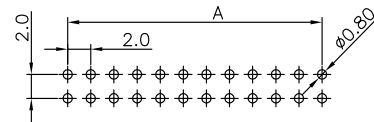
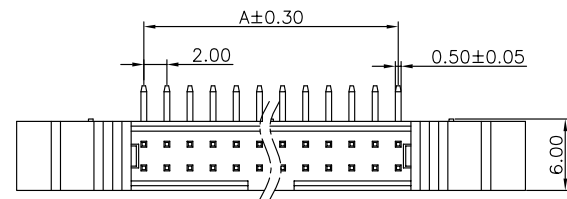
Plating Specification: All Au G/F

SERIES NO: EJ2075 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP
 2-SMT
 PIN Q' PY: 06~64

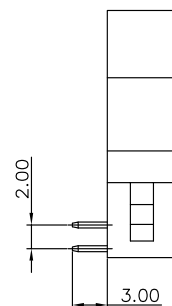
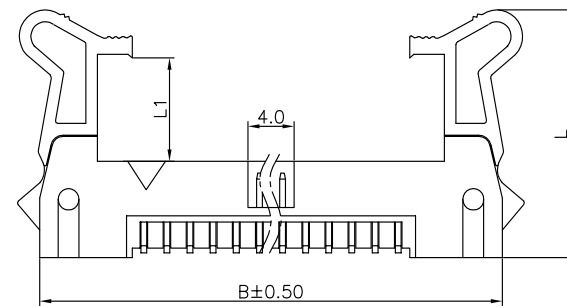
EJ2075 SERIES

Pitch 2.00mm DIP Straight Type 2 row Ejector Header





PCB Layout



类型	尺寸 "L"	尺寸 "L1"
高耳	20.85	8.95
低耳	17.00	5.00

Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
06	4.00	21.92	30	28.00	45.92
08	6.00	23.92	34	32.00	49.92
10	8.00	25.92	36	34.00	51.92
12	10.00	27.92	40	38.00	55.92
14	12.00	29.92	44	42.00	59.92
16	14.00	31.92	50	48.00	65.92
20	18.00	35.92	60	58.00	75.92
24	22.00	39.92	64	60.00	77.92
26	24.00	41.92			

Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

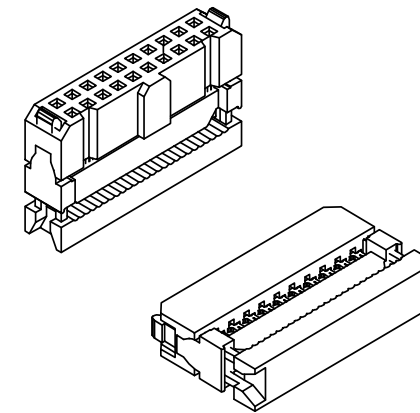
Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: G/F

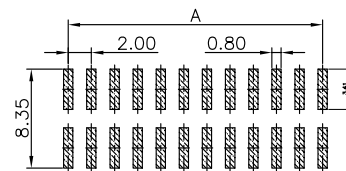
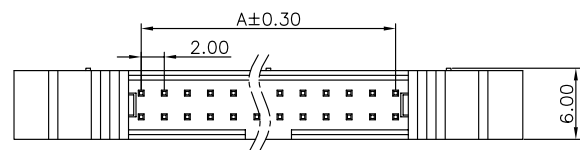


D20750 M X-2 XX 6 X X
 SERIES NO: _____
 MALE FEMALE: _____
 M-MALE _____
 ANGLE: _____
 9-90 _____
 0-180 _____
 ROW NO: _____
 2-DOUBLE ROW _____

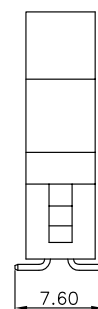
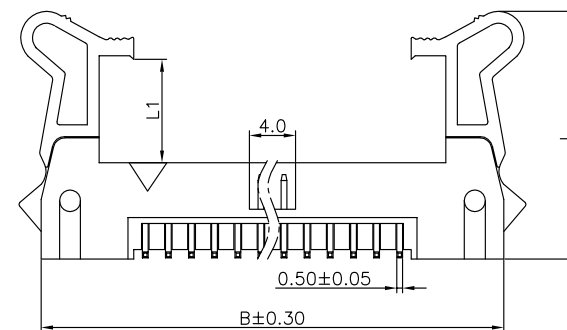
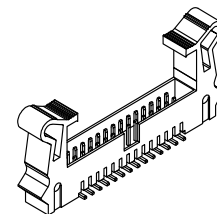
COLOR:
 A-BLACK
 PLATING:
 1-G/F
 TERMIPOINT:
 6-PUNCTURE TYPE
 PIN Q'PY:
 06~64

EJ2075 SERIES

Pitch 2.00mm SMT Straight Type 2 row Ejector Header



PCB Layout

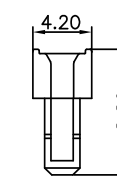
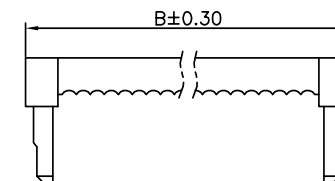


类型	尺寸 "L"	尺寸 "L1"
高耳	20.85	8.95
低耳	17.00	5.00

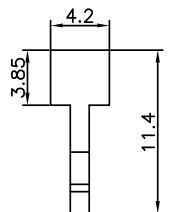
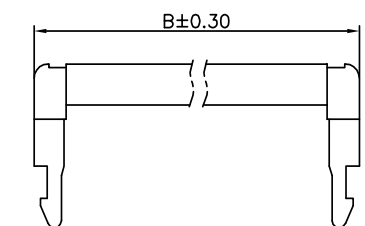
Circuit	Dimensions(mm)		Circuit	Dimensions(mm)	
	A	B		A	B
06	4.00	21.92	30	28.00	45.92
08	6.00	23.92	34	32.00	49.92
10	8.00	25.92	36	34.00	51.92
12	10.00	27.92	40	38.00	55.92
14	12.00	29.92	44	42.00	59.92
16	14.00	31.92	50	48.00	65.92
20	18.00	35.92	60	58.00	75.92
24	22.00	39.92	64	60.00	77.92
26	24.00	41.92			

D2075 SERIES

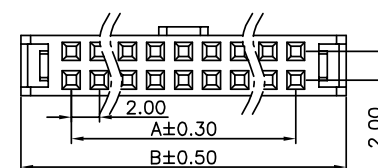
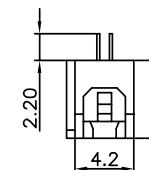
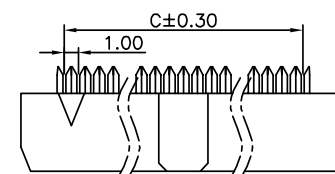
Pitch 2.00mm Puncture type Straight Type 2 row IDC



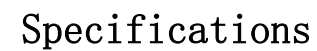
Two Piece Type



Three Piece Type

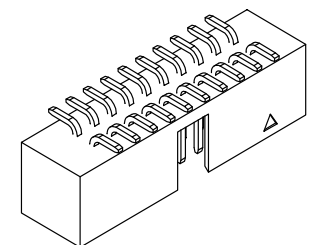
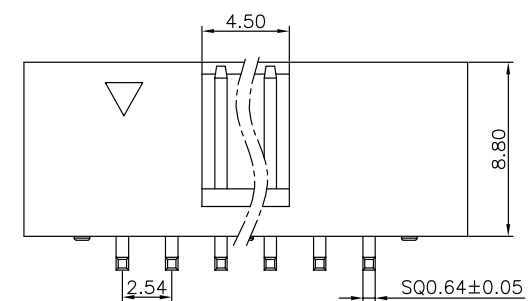
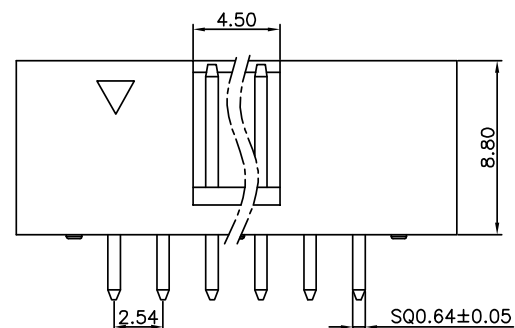
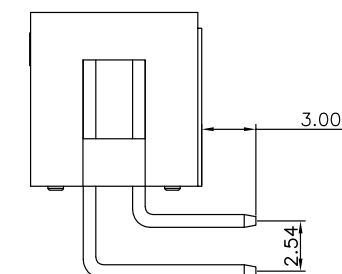
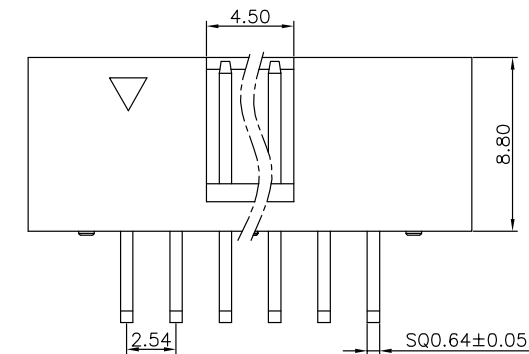


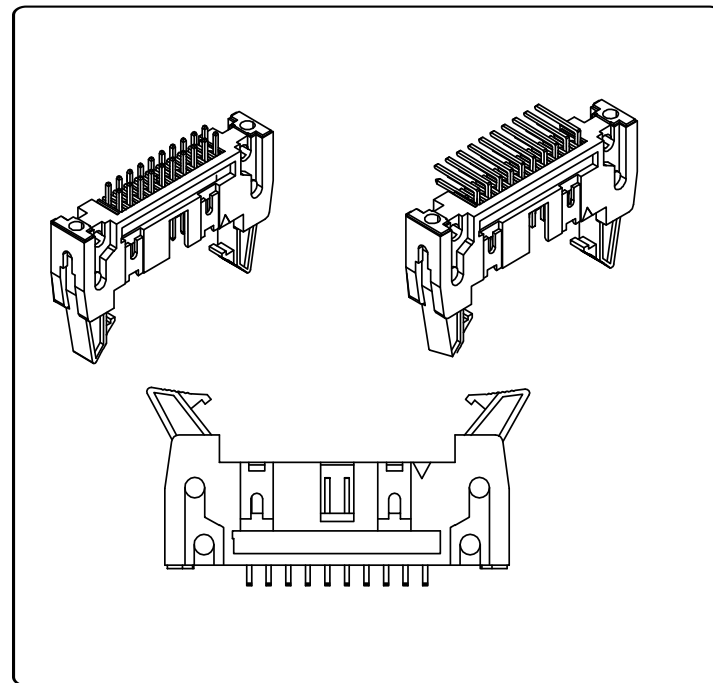
Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
06	4.00	11.40	5.00	28	26.00	33.40	27.00
08	6.00	13.40	7.00	30	28.00	35.40	29.00
10	8.00	15.40	9.00	32	30.00	37.40	31.00
12	10.00	17.40	11.00	34	32.00	39.40	33.00
14	12.00	19.40	13.00	36	34.00	41.40	35.00
16	14.00	21.40	15.00	40	38.00	45.40	39.00
18	16.00	23.40	17.00	44	42.00	49.40	43.00
20	18.00	25.40	19.00	50	48.00	55.40	49.00
22	20.00	27.40	21.00	60	58.00	65.40	59.00
24	22.00	29.40	23.00	64	62.00	69.40	63.00
26	24.00	31.40	25.00	68	66.00	73.40	67.00



Plating Specification: All Au G/F

BH2553 F X-2 XX X X X
 SERIES NO: _____
 MALE FEMALE: _____
 F-FEMALE _____
 ANGLE: _____
 0-180° _____
 9-90° _____
 ROW NO: _____
 2-DOUBLE ROW _____
 COLOR: _____
 A-BLACK _____
 PLATING: _____
 A-ALL AU G/F _____
 TERMPIPOINT: _____
 1-DIP _____
 2-SMT _____
 PIN Q' PY: _____
 06~64 _____





Specifications

Temperature range: -40°C~+105°C

Current rating: 2A

Contact resistance: 30mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

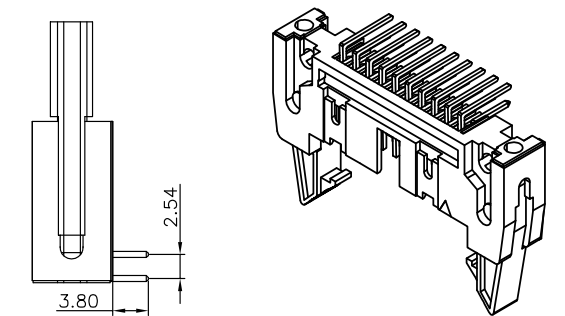
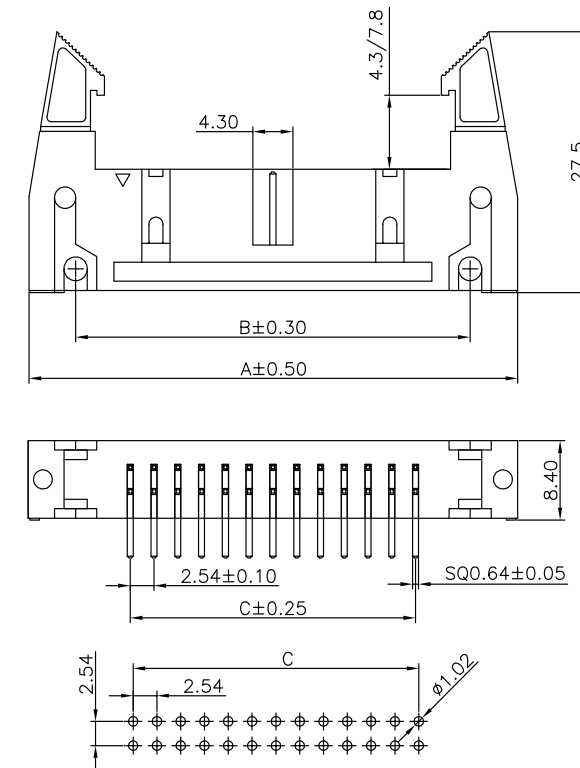
Material Specification:

Housing: Thermoplastic, UL94V-0

Terminal: Copper Alloy

Plating Specification: All Au G/F

SERIES NO: EJ2553 F X-2 XX X X X
 MALE FEMALE: F-FEMALE
 ANGLE: 0-180°
 9-90°
 ROW NO: 2-DOUBLE ROW
 COLOR: A-BLACK
 PLATING: A-ALL AU G/F
 TERMIPOINT: 1-DIP
 2-SMT
 PIN Q'PY: 06~64

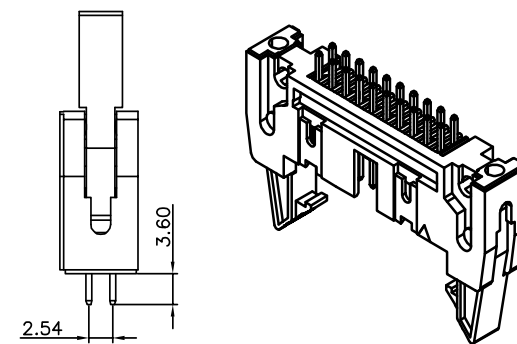
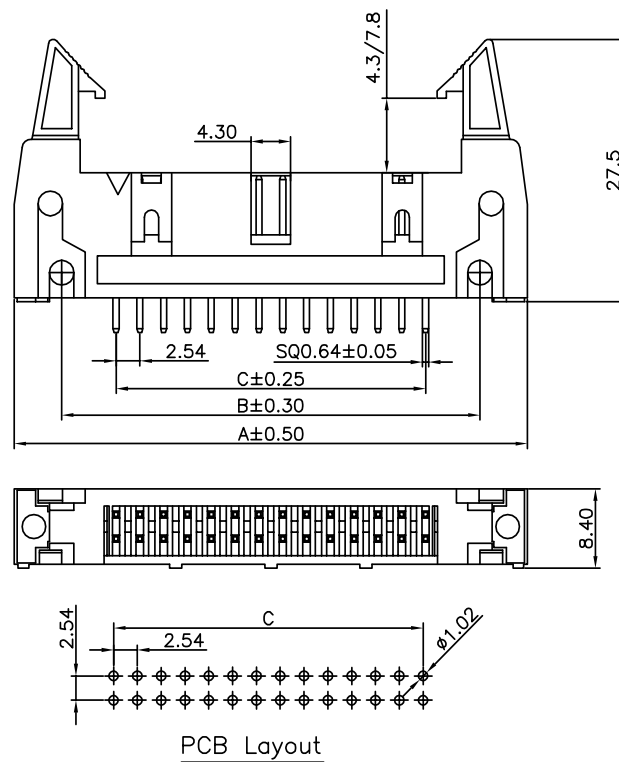


Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
2*2	24.38	14.22	2.54	2*18	65.02	54.86	43.18
2*3	26.92	16.76	5.08	2*19	67.56	57.40	45.72
2*4	29.46	19.30	7.62	2*20	70.10	59.94	48.26
2*5	32.00	21.84	10.16	2*21	72.64	62.48	50.80
2*6	34.54	24.38	12.70	2*22	75.18	65.02	53.34
2*7	37.08	26.92	15.24	2*23	77.72	67.56	55.88
2*8	39.62	29.46	17.78	2*24	80.26	70.10	58.42
2*9	42.16	32.00	20.32	2*25	82.80	72.64	60.96
2*10	44.70	34.54	22.86	2*26	85.34	75.18	63.50
2*11	47.24	37.08	25.40	2*27	87.88	77.72	66.04
2*12	49.78	39.62	27.94	2*28	90.42	80.26	68.58
2*13	52.32	42.16	30.48	2*29	92.96	82.80	71.12
2*14	54.86	44.70	32.02	2*30	95.50	85.34	73.66
2*15	57.40	47.24	35.56	2*31	98.04	87.88	76.20
2*16	59.94	49.78	38.10	2*32	100.58	90.42	78.74
2*17	62.48	52.32	40.64				

PCB Layout

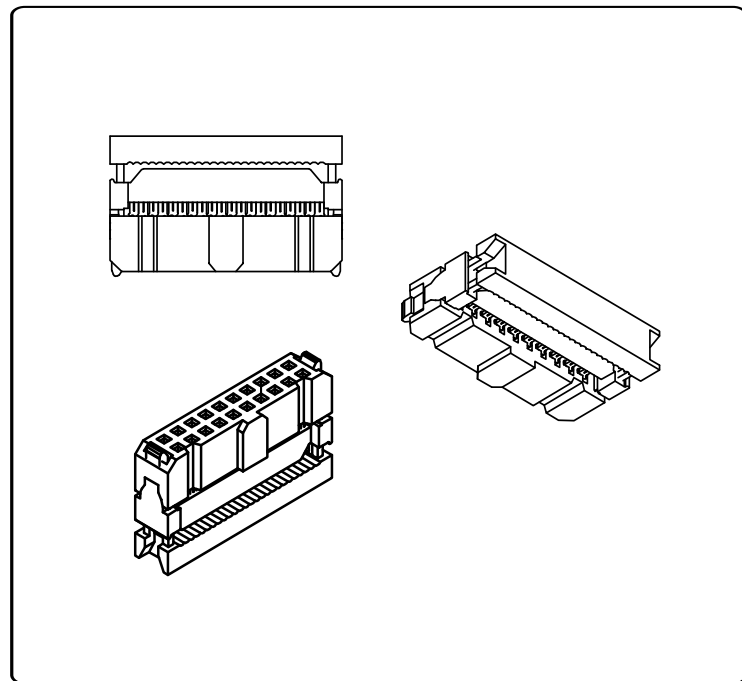
EJ2553 SERIES

Pitch 2.54mm DIP Straight Type 2 row Ejector Header



Circuit	Dimensions (mm)			Circuit	Dimensions (mm)		
	A	B	C		A	B	C
2*03	26.92	16.76	5.08	2*18	65.02	54.86	43.18
2*04	29.46	19.30	7.62	2*19	67.56	57.40	45.72
2*05	32.00	21.84	10.16	2*20	70.10	59.94	48.26
2*06	34.54	24.38	12.70	2*21	72.64	62.48	50.80
2*07	37.08	26.92	15.24	2*22	75.18	65.02	53.34
2*08	39.62	29.46	17.78	2*23	77.72	67.56	55.88
2*09	42.16	32.00	20.32	2*24	80.26	70.10	58.42
2*10	44.70	34.54	22.86	2*25	82.80	72.64	60.96
2*11	47.24	37.08	25.40	2*26	85.34	75.18	63.50
2*12	49.78	39.62	27.94	2*27	87.88	77.72	66.04
2*13	52.32	42.16	30.48	2*28	90.42	80.26	68.58
2*14	54.86	44.70	32.02	2*29	92.96	82.80	71.12
2*15	57.40	47.24	35.56	2*30	95.50	85.34	73.66
2*16	59.94	49.78	38.10	2*31	98.04	87.88	76.20
2*17	62.48	52.32	40.64	2*32	100.58	90.42	78.74

PCB Layout



Specifications

Temperature range: -40°C~+105°C

Current rating: 3A

Contact resistance: 20mΩ Max

Insulation resistance: 1000MΩ Min

Withstand voltage: 500V AC

Material Specification:

Housing: Thermoplastic, UL94V-0

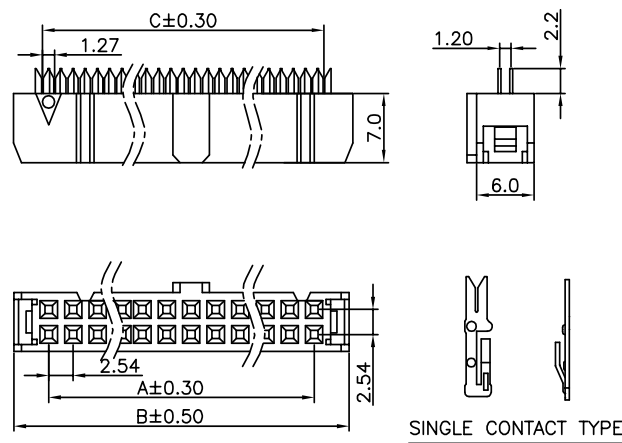
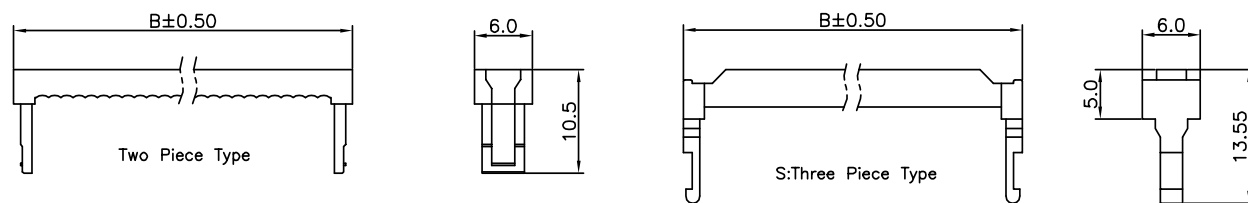
Terminal: Copper Alloy

Plating Specification: G/F

D25530 M 0-2 XX 6 X X X
 SERIES NO: _____
 MALE FEMALE: _____
 M-MALE _____
 ANGLE: _____
 9-90 _____
 0-180 _____
 ROW NO: _____
 2-DOUBLE ROW _____
 COLOR: _____
 A-BLACK _____
 PLATING: _____
 1-G/F _____
 TERMIPOINT: _____
 6-PUNCTURE TYPE _____
 PIN Q'PY: _____
 06~64 _____

D2553 SERIES

Pitch 2.54mm Puncture type Straight Type 2 row IDC



Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
06	5.08	12.32	6.35	28	33.02	40.26	34.29
08	7.62	14.86	8.89	30	35.56	42.80	36.83
10	10.16	17.40	11.43	32	38.10	45.34	39.37
12	12.70	19.94	13.97	34	40.64	47.88	41.91
14	15.24	22.48	16.51	36	43.18	50.42	44.45
16	17.78	25.02	19.05	40	48.26	55.50	49.53
18	20.32	27.56	21.59	44	53.34	60.58	54.61
20	22.86	30.10	24.13	50	60.96	68.20	62.23
22	25.40	32.64	26.67	60	73.66	80.90	74.93
24	27.94	35.18	29.21	64	78.74	85.98	80.01
26	30.48	37.72	31.75				