

$$\text{RoHS} + \text{HF}$$

適用FFC/FPC尺寸
APPLICABLE FFC/FPC
RECOMMENDED DIMENSION

REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Technology Co., Ltd REV: AO SHEET: 1/5
AO	NEW RELEASE	22.10.28		LINEAR	ANGLES	APPROVED	Wang_jr	22.10.28	F050520F9-1XX2XX0X	ENDE05	
				0.0±0.35	X*REF±6°						
				UNIT:mm	0.00±0.25	X*±3°	DESIGNER	Han_Gao	22.10.28	TITLE:	
				SIZE: A4	0.000±0.10	X*X' ±2°	DRAWN	LanXuan_Hou	22.10.28	Pitch 0.50mm H2.0mm卧贴抽屉式上接 FPC	

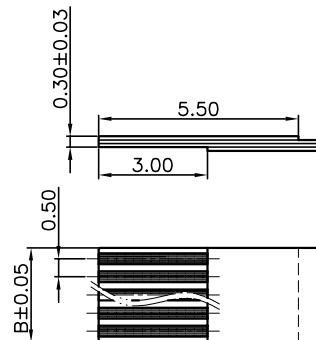


WanLian Technology Co., Ltd

REV: A0	SHEET: 1/5
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$$\text{RoHS} + \text{HF}$$

Circuit	Dimensions(mm)			Circuit	Dimensions(mm)		
	A	B	C		A	B	C
30	14.50	15.50	20.60	46	22.50	23.50	28.60
31	15.00	16.00	21.10	47	23.00	24.00	29.10
32	15.50	16.50	21.60	48	23.50	24.50	29.60
33	16.00	17.00	22.10	49	24.00	25.00	30.10
34	16.50	17.50	22.60	50	24.50	25.50	30.60
35	17.00	18.00	23.10	51	25.00	26.00	31.10
36	17.50	18.50	23.60	52	25.50	26.50	31.60
37	18.00	19.00	24.10	53	26.00	27.00	32.10
38	18.50	19.50	24.60	54	26.50	27.50	32.60
39	19.00	20.00	25.10	55	27.00	28.00	33.10
40	19.50	20.50	25.60	56	27.50	28.50	33.60
41	20.00	21.00	26.10	57	28.00	29.00	34.10
42	20.50	21.50	26.60	58	28.50	29.50	34.60
43	21.00	22.00	27.10	59	29.00	30.00	35.10
44	21.50	22.50	27.60	60	29.50	30.50	35.60
45	22.00	23.00	28.10				



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A0	NEW RELEASE	22.10.28		LINEAR	ANGLES	APPROVED	Wang_jr	22.10.28					
				0.0±0.35	X°REF±6°	DESIGNER	Han_Gao	22.10.28	TITLE: Pitch 0.50mm H2.0mm卧贴抽屛式上接 FPC	REV: A0		SHEET: 2/5	
			UNIT:mm	0.00±0.25	X°±3°								
			SIZE: A4	0.000±0.10	X°X' ±2°	DRAWN	LanXuan_Hou	22.10.28					

 万连科技
WanLian Technology Co., Ltd

REV: A0	SHEET: 2/5
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DIM A±0.10

0.50±0.05

A

0.20±0.03

HOUSING

SOLDER TABS

COVER

A-A

1.33

(6.5)

DIM C±0.2

DIM B^{+0.10}₀

2.06^{+0.10}_{-0.05}

1.06^{+0.10}_{-0.05}

5.21±0.10

0.29

0.10

DIM A±0.10

0.50±0.05

0.95

0.30±0.03

1.25

1.50,1.00

1.80

0.3±0.03

5.50

3.00

0.50

B±0.05

参考印制电路板
RECOMMENDED P.C.BOARD
PATTERN DIMENSION (REF.)

适用FFC/FPC尺寸
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REV.	REVISION RECORD	DATE		GENERAL TOLERANCES		SCALE: 1:1	NAME	DATE	PART.NO: F050520F9-1XX2XX0X	DWG.NO: ENDE05	 WanLian Technology Co., Ltd		
AO	NEW RELEASE	22.10.28		LINEAR	ANGLES	APPROVED	Wang_jr	22.10.28					
				0.0±0.35	X°REF±6°	DESIGNER	Han_Gao	22.10.28					
				0.00±0.25	X°±3°	DRAWN	LanXuan_Hou	22.10.28					
			UNIT:mm	0.00±0.25	X°±3°				TITLE: Pitch 0.50mm H2.0mm卧贴抽屉式下接 FPC			REV: A0	SHEET: 3/5
			SIZE: A4	0.000±0.10	X°X' ±2°								

1

2

3

4

5

6

7

8

The product using material and processing must conform to the "WL-PZ-001" HSF technical standard control requirements

RoHS+HF

NOTE:

1.MATERIAL SPECIFICATION:

1-1.HOUSING: LCP,UL94V-0,NATURE

1-2.CONTACTS: PHOSPHOR BRONZE

1-3.COVER:LCP,UL94V-0,BLACK

1-4.SOLDER TABS: PHOSPHOR BRONZE

2.PLATING SPECIFICATION:

2-1.CONTACTS:

NI 30u"Min PLATED UNDERPLATING, MATTE TIN 80u" Min PLATED

2-2.SOLDER TABS:

NI 30u"Min PLATED UNDERPLATING, MATTE TIN 80u" Min PLATED

3.MECHANICAL PERFORMANCE:

3-1.RETENTIVITY FORCE: 0.3KGF/Pin Min

3-2.DURABILITY: 20 CYCLES.

4.ELECTRICAL PERFORMANCE:

4-1.CURRENT RATING: 0.5A AC/DC

RATED VOLTAGE : 50V AC/DC

4-2.CONTACT RESISTANCE: 30 mΩ MAX

4-3.INSULATION RESISTANCE: 500MΩ Min

4-4.DIELECTRIC WITHSTANDING : 200V

5.ENVIRONMENTAL PERFORMANCE:

5-1.OPERATING TEMPERATURE: -25°C~+85°C.

6.PACKAGE SPEC: REEL

7.P/N:

F0505 20 F 9-1 XX 2 X X 02

SERIES NO:

HEIGHT:

20: 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:

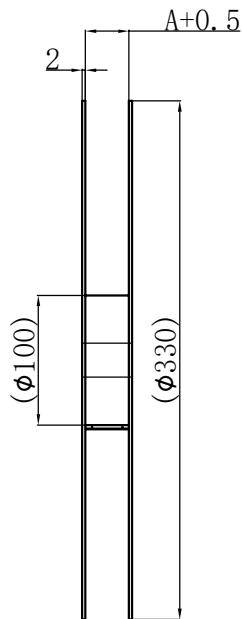
30~60

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35	17.00	18.00	23.10	51	25.00	26.00	31.10
36	17.50	18.50	23.60	52	25.50	26.50	31.60
37	18.00	19.00	24.10	53	26.00	27.00	32.10
38	18.50	19.50	24.60	54	26.50	27.50	32.60
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43	21.00	22.00	27.10	59	29.00	30.00	35.10
44	21.50	22.50	27.60	60	29.50	30.50	35.60
45	22.00	23.00	28.10				

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RECOMMENDED P.C.BOARD
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A0	NEW RELEASE	22.10.28		LINEAR	ANGLES	APPROVED	Wang_jr	22.10.28				
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				UNIT:mm	0.00±0.25	X°±3°	DESIGNER	Han_Gao	22.10.28	TITLE: Pitch 0.50mm H2.0mm卧贴抽屉式下接 FPC		
			SIZE: A4	0.000±0.10	X°X'±2°	DRAWN	LanXuan_Hou	22.10.28	REV: A0			SHEET: 4/5

$$\text{RoHS} + \text{HF}$$


PULL OUT DIRECTION →

出料方向

前端部空24Pcs Top Tape Bonded Part. (EMPTY)

装产品部
Component
Supplier

Leader Part
400mm Min

PULL OUT DIRECTION
出料方向

PCS/REEL	2000				
REEL WIDTH	16	24	32	44	56
REEL/CTN.	17	12	9	7	5
CTN. SIZE	340*340*350				

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AO	NEW RELEASE	22.10.28		LINEAR	ANGLES	APPROVED	Wang_jr	22.10.28	TITLE: Pitch 0.50mm H2.0mm卧贴抽展式 FPC 包装规范					
				0.0±0.35	X*REF±6°									
				UNIT:mm	0.00±0.25	X*±3°	DESIGNER	Han_Gao						22.10.28
				SIZE: A4	0.000±0.10	X*X' ±2°	DRAWN	LanXuan_Hou	22.10.28					

