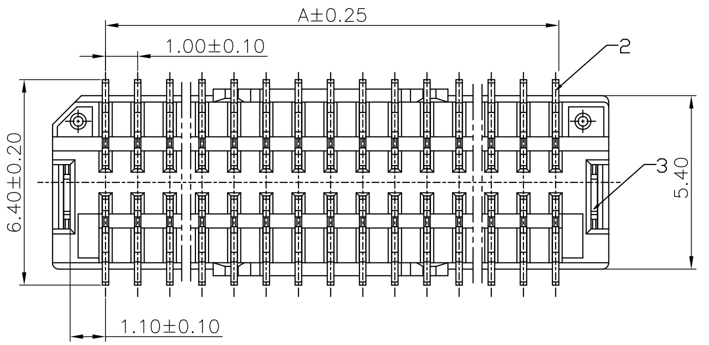
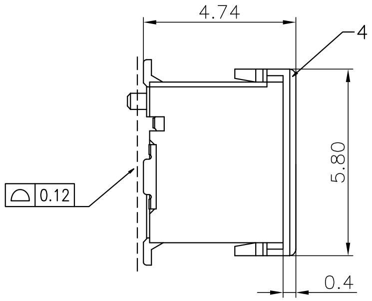
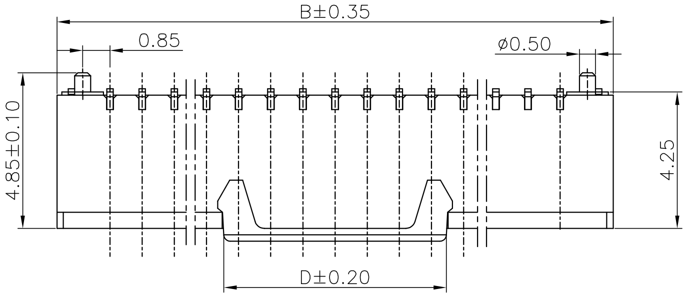
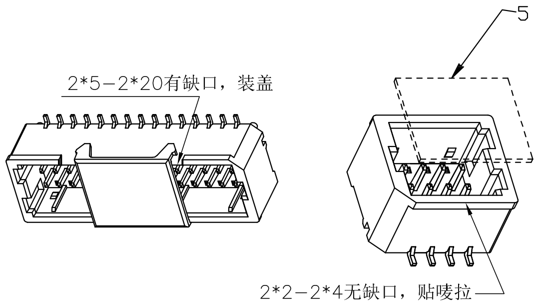
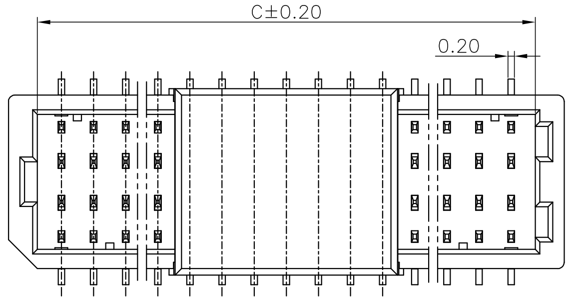
The product using material and processing must conform to the "WI-PZ-001"HSF technical standard control requirements

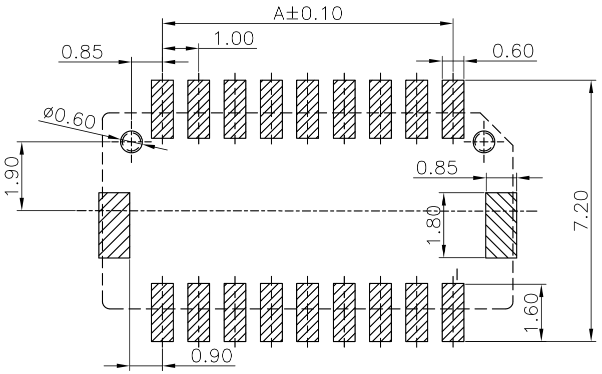












PCB LAYOUT

NOTE:

1.MATERIAL SPECIFICATION:
 1−1.HOUSING: PA9T,UL94V−0
 1−2.CONTACTS: PHOSPHOR BRONZE
 1−3.SOLDER TAB: BRASS
 1−4.COVER: PA9T,UL94V−0

2.PLATING SPECIFICATION:
 2−1.CONTACTS:
  TIN/GOLD FLASH PLATED OVER ALL.
 2−2.SOLDERING LUG:
  TIN/GOLD FLASH PLATED OVER ALL.

3.MECHANICAL PERFORMANCE:
 3−1.RETENTIVITY FORCE: 0.5kgf/pin min
 3−2.DURABILITY: 30 CYCLES.

4.ELECTRICAL PERFORMANCE:
 4−1.CURRENT RATING: 1A
   RATED VOLTAGE : 50V AC/DC
 4−2.CONTACT RESISTANCE: 20 mΩ MAX
 4−3.INSULATION RESISTANCE: 100MΩ Min
 4−4.DIELECTRIC WITHSTANDING : 500V

5.ENVIRONMENTAL PERFORMANCE:
 5−1.OPERATING TEMPERATURE: −25°C~+85°C.

6.PACKAGE SPEC: REEL

7.P/N:

A1 A1003 W 0−2 XX 2 X X 0

SERIES NO: A1003
CONNECTOR: W−WAFER
ANGLE: 0−180°
ROW NO: 2−DOUBLE ROW
PIN Q'PY: 04~50
TERMIPOINT: 2−SMT
PLATING: A−ALL AU G/F, C−BRIGHE TIN, D−FOG TIN
COLOR: A−BLACK, S−NATURE

RoHS

Circuit	Dimensions(mm)				Circuit	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*02	1.00	4.30	2.50	Mylar	2*11	10.00	13.30	11.50	7.0
2*03	2.00	5.30	3.50		2*12	11.00	14.30	12.50	
2*04	3.00	6.30	4.50		2*13	12.00	15.30	13.50	
2*05	4.00	7.30	5.50	4.0	2*14	13.00	16.30	14.50	
2*06	5.00	8.30	6.50		2*15	14.00	17.30	15.50	
2*07	6.00	9.30	7.50		2*16	15.00	18.30	16.50	
2*08	7.00	10.30	8.50	7.0	2*18	17.00	20.30	18.50	
2*09	8.00	11.30	9.50		2*20	19.00	22.30	20.50	
2*10	9.00	12.30	10.50		2*25	24.00	27.30	25.50	

REV.	REVISION RECORD	DATE
A0	NEW RELEASE	21.10.12
A1	PART NUMBER RENEWAL	23.09.25

GENERAL TOLERANCES	
LINEAR	ANGLES
0.0±0.35	X°REF±6°
0.00±0.25	X°±3°
0.000±0.10	X°X' ±2°

UNIT: mm
SIZE: A4

SCALE: 1:1	NAME	DATE
APPROVED	Wang_jr	23.09.25
DESIGNER	Han_Gao	23.09.25
DRAWN	Zijun_Huang	23.09.25

PART.NO: A1003W0−2XX2XX0
DWG.NO: ENDE05

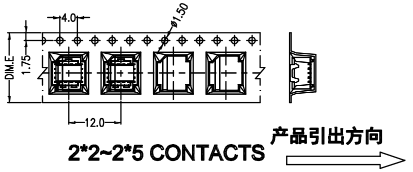
万连科技
WanLian Technology Co., Ltd

TITLE: Pitch 1.00mm 180°SHD 双排立贴带柱带吸附盖Wafer

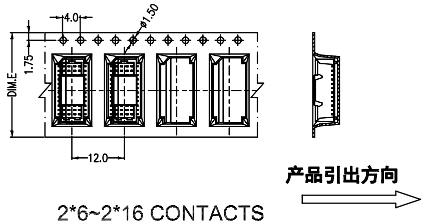
REV: A1
SHEET: 1/2

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

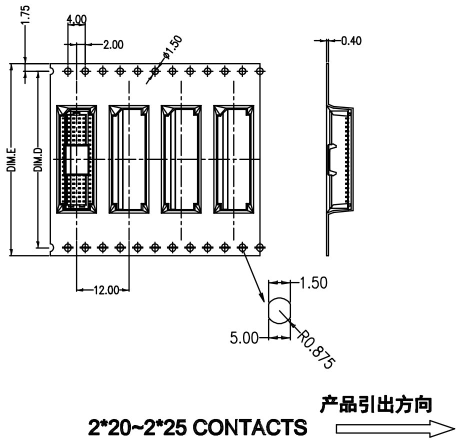
RoHS



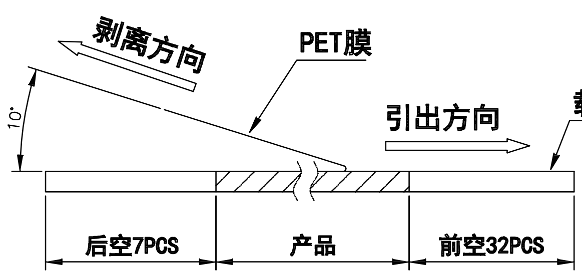
2*2~2*5 CONTACTS



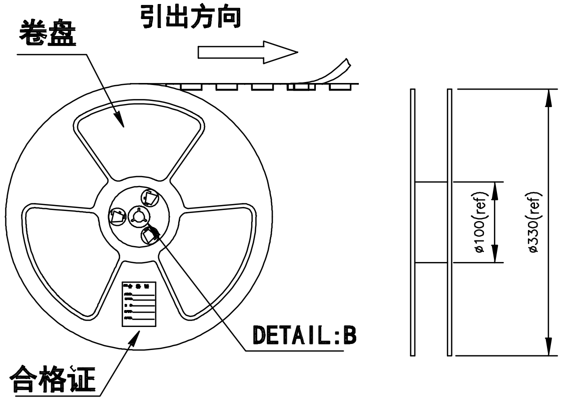
2*6~2*16 CONTACTS

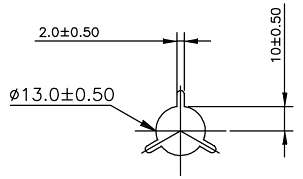


2*20~2*25 CONTACTS

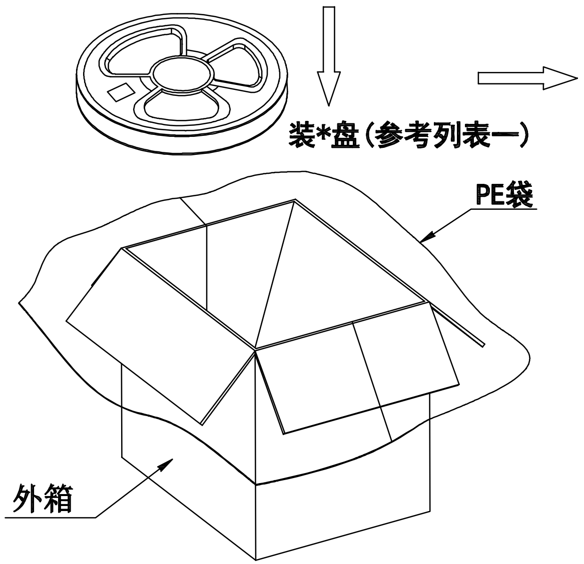


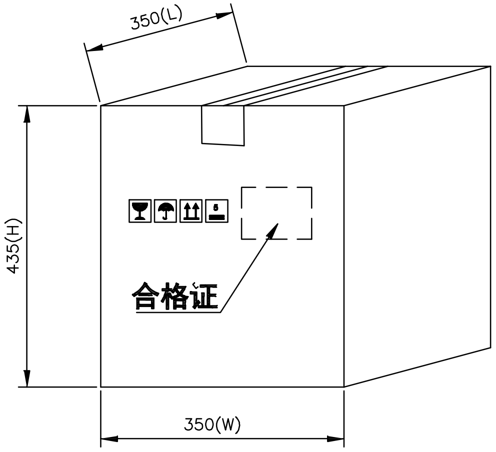
(PET膜剥离示意图)





DETAIL:B





包装说明:

1. 把成品包入卷盘中，每盘装1000PCS，卷盘上贴上合格证，将装好产品的卷盘放进外箱中，外箱内先套一个大PE袋，外箱上贴贴上合格证.
2. 所有材料有害物控制需符合RoHS标准。

列表一

Circuits	DIM. D	DIM. E	Q'ty/Reel	Packing (Reel/Caton)
2*2~2*5PIN	—	16	1000PCS	20/Reel
2*6~2*12PIN	—	24	1000PCS	15/Reel
2*14~2*16PIN	—	32	1000PCS	11/Reel
2*20~2*25PIN	40.5	44	1000PCS	8/Reel

REV.	REVISION RECORD	DATE
A0	NEW RELEASE	21.10.12
A1	PART NUMBER RENEWAL	23.09.25

UNIT: mm
SIZE: A4

GENERAL TOLERANCES

LINEAR	ANGLES
0.0±0.35	X°REF±6°
0.00±0.25	X°±3°
0.000±0.10	X°X' ±2°

SCALE: 1:1	NAME	DATE
APPROVED	Wang_jr	23.09.25
DESIGNER	Han_Gao	23.09.25
DRAWN	Zijun_Huang	23.09.25

PART.NO: A1003W0-2XX2XX0
DWG.NO: ENDE05
TITLE: 包装图

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REV: A1
SHEET: 2/2