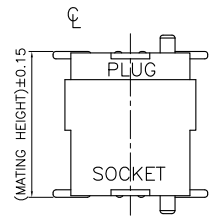
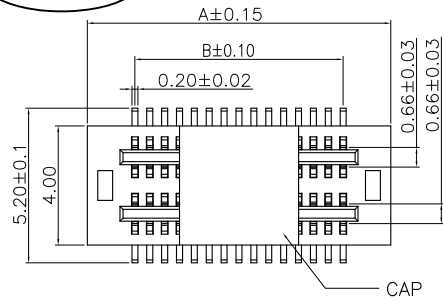
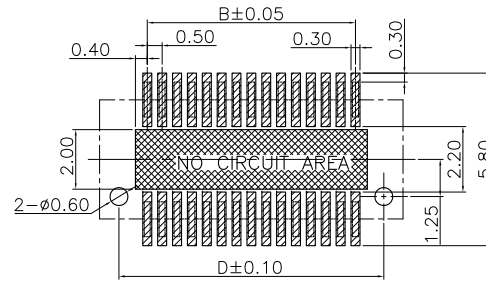


The product using material and processing must conform to the "WI-PZ-001"HSF technical standard control requirements

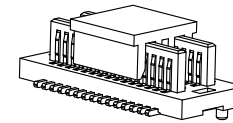
RoHS+HF



MATING HEIGHT
SCALE:1.25:1



RECOMMENDED PCB PATTERN DIM.
TOLERANCE : ±0.05



3D VIEW

NOTE:

- MATERIAL SPECIFICATION:
 - 1-1.HOUSING: PA9T UL94V-0
 - 1-2.CONTACT: PHOSPHOR BRONZE
- PLATING SPECIFICATION:
 - CONTACT: G/F PLATING OVERALL
- MECHANICAL PERFORMANCE:
 - 3-1.INSERTION FORCE: 0.12KGF/PIN MAX
 - 3-2.REMOVAL FORCE: 0.10KGF/PIN MIN
 - 3-3.MAINTAIN FORCE: 0.03KGF/PIN MIN
 - 3-4.DURABILITY: 30 CYCLES.
- ELECTRICAL PERFORMANCE:
 - 4-1.CURRENT RATING:0.5A
 - 4-2.VOLTAGE RATING:60V MAX
 - 4-3.CONTACT RESISTANCE: 60mΩ Max.
 - 4-4.INSULATION RESISTANCE: 800MΩ MIN
 - 4-5.DIELECTRIC WITHSTANDING VOLTAGE: 500V AC Min
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -45°C~+105°C.
- PACKAGE SPEC:REEL

7.P/N: B0502 XX M 0-2 XX 2 X X 01

SERIES NO:

HEIGHT:

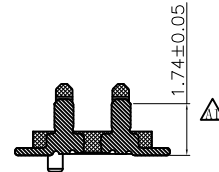
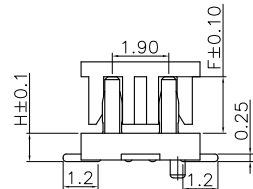
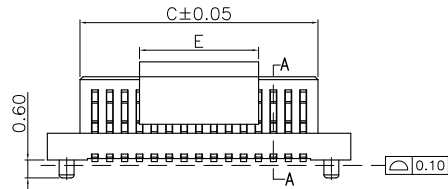
08-0.8H
10-1.0H
13-1.3H
20-2.0H

MALE FEMALE:
M-MALE

ANGLE:
0-180°

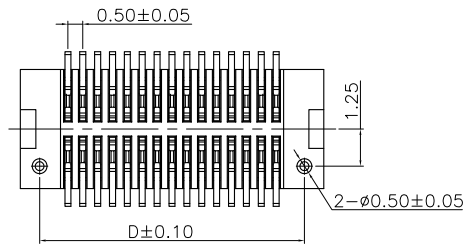
ROW NO:
2-DOUBLE ROW

- 01:TYPE 01
- 02:TYPE 02
- COLOR:
- A-BLACK
- S-NATURE
- PLATING:
- A-ALL AU G/F
- C-BRIGHE TIN
- D-MATTE Tin
- TERMINATION:
- 2-SMT
- PIN Q'PY:
- 08~80pin



Section A-A
02 TYPE

MATING HEIGHT	PLUG (H.)	SOCKET (H.)	F	Circuit	Dimensions					Circuit	Dimensions				
					A.	B.	C.	D.	E.		A.	B.	C.	D.	
3.0	0.8	2.2	1.6	4	3.70	0.50	1.50	2.40		54	16.20	13.00	14.00	14.90	
3.5	1.3	2.2	1.6	6	4.20	1.00	2.00	2.90		56	16.70	13.50	14.50	15.40	
4.0	1.0	3.0	1.9	8	4.70	1.50	2.50	3.40		58	17.20	14.00	15.00	15.90	
4.5	1.0	3.5	1.9	10	5.20	2.00	3.00	3.90		60	17.70	14.50	15.50	16.40	
5.0	1.0	4.0	1.9	12	5.70	2.50	3.50	4.40		62	18.20	15.00	16.00	16.90	
5.5	1.0	4.5	1.9	14	6.20	3.00	4.00	4.90		64	18.70	15.50	16.50	17.40	
6.0	2.0	4.0	1.9	16	6.70	3.50	4.50	5.40		66	19.20	16.00	17.00	17.90	
6.5	2.0	4.5	1.9	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	4.00	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	8.00	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							



REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE:	NAME	DATE	PART.NO:	DWG.NO:		
A0	NEW RELEASE	21.01.13	LINEAR	ANGLES	1:1	Wang_jr	2023.10.18	B0502XXM0-2XX2XX01	ENDE05		
A1	INCREASED SIZE CONTROL	2023. 10. 18	0.00±0.25	X'REF±6°	APPROVED	Han_Gao	2023.10.18	TITLE:			
			UNIT:mm	X'±3°	DESIGNER	Zijun_Huang	2023.10.18	BOARD TO BOARD PITCH0.5 SMT/PLUG			
			SIZE: A4	0.000±0.10	X'X' ±2°	DRAWN				REV: A1	SHEET: 1/2

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

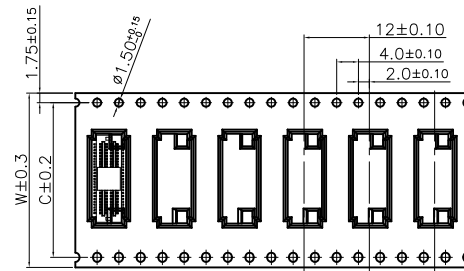
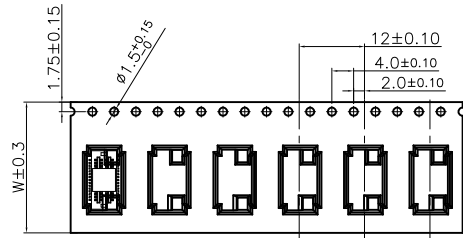
RoHS+HF

NOTE:

- 1.10 Sprocket hole pitch cumulative tolerance ± 0.20 .
2. Carrier camber is within 1mm in 100mm.
3. Material: white conductive polystyrene alloy.
4. Material Thickness: 0.35 ± 0.05 mm.
5. For tape width(dim W)16 and 24mm pilot holes are provided on one sides.
For tape width(dim W)32, 44 and 56mm pilot holes are provided on both sides.

Tape width 16 and 24 mm

Tape width 32 and 44 mm



PULL OUT DIRECTION

PULL OUT DIRECTION

COVER TAPE (上盖带)

PULL OUT DIRECTION

(PEELING ANGLE)

CARRIER TAPE (下载带)

REEL (胶盘)

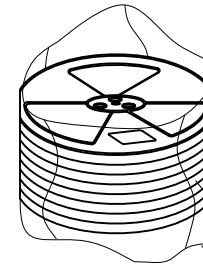
GP LABEL (环保标签) (1PCS)

LABLE (标签)

ø330

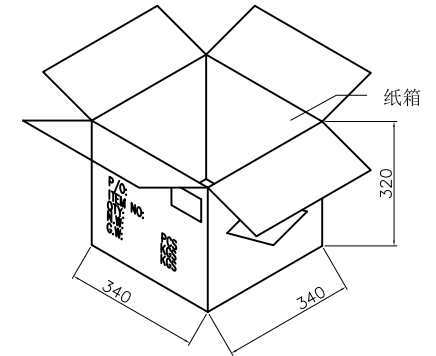
ø13.5

W+4



卷盘

防水袋



纸箱

Circuit	W	C	PCS/REEL	REEL/CARTON	SUM (PCS)
8PIN~16PIN	16	—	1000PCS/REEL	15	15000
			1500PCS/REEL (0. 8H)、 (1. 0H, 1. 3H, 12PIN)		22500
			700PCS/REEL (4. 0H)		10500
20PIN~46PIN	24	—	1000PCS/REEL	10	10000
			1500PCS/REEL (0. 8H)		15000
			700PCS/REEL (4. 0H)		7000
50PIN~60PIN	32	28. 4	1000PCS/REEL	8	8000
			1500PCS/REEL (0. 8H 50PIN)		12000
			700PCS/REEL (4. 0H)		5600
70PIN~100PIN	44	40. 4	1000PCS/REEL	6	6000
			700PCS/REEL (4. 0H)		4200

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE:	NAME	DATE	PART.NO:	DWG.NO:	 WanLian Teconology Co., Ltd	
AO	NEW RELEASE	21.01.13	LINEAR	ANGLES	1:1	Wang_jr	21.01.13	B0502XXM0-2XX2XX01	ENDE05		
			0.0±0.35	X'REF±6°	APPROVED	Han_Gao	21.01.13	TITLE:			
			UNIT:mm	X'±3°	DESIGNER	Zijun_Huang	21.01.13	BOARD TO BOARD PH0.5 PLUG			
			SIZE: A4	0.000±0.10	X'X' ±2°	DRAWN				REV: A0	SHEET: 2/2

1

2

3

4

5

6

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8