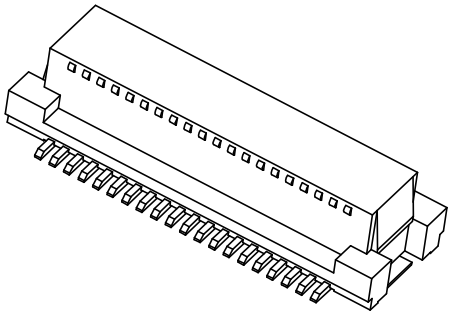
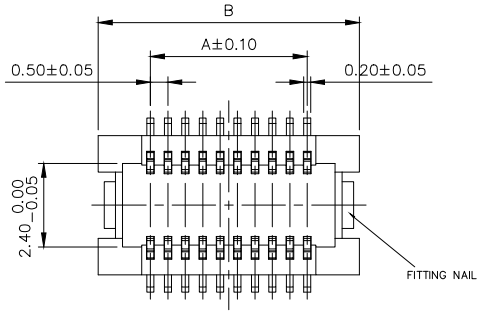
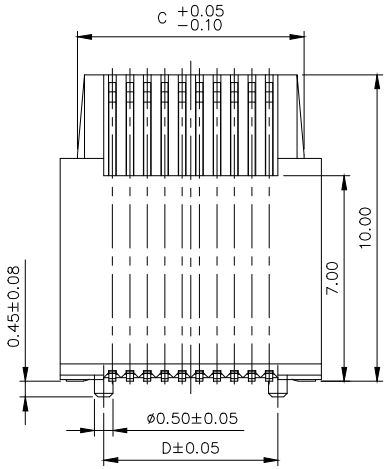
Rohs 2.0 Compliant | Pb Lead-free | HF

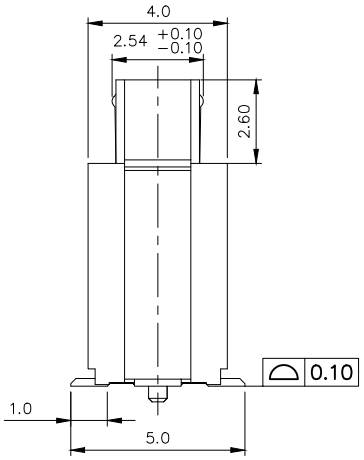
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2024.07.06	QIANG	GONG	LEO

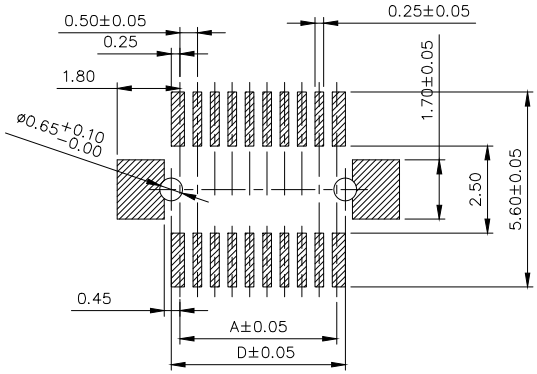


NOTES:
1.INSULATOR:HIGH-TEMP THERMOPLASTIC, UL94V-0
COLOR:BLACK
2.TERMINAL:COPPER ALLOY CONTACT AREA Au 1u" MIN,
SOLDER AREA Au 1u" MIN,
UNDERPLATING:50u"Min NICKEL OVERALL
3.RATED VOLTAGE :50V AC/DC, RATED CURRENT :0.5A AC/DC
4.WITHSTANDING VOLTAGE:200V AC for 1 min
5.CONTACT RESISTANCE:50mΩ MAX
6.INSULATION RESISTANCE:100MΩ MIN
ENVIRONMENTAL:
7. OPERATING TEMPERATURE:-40°C TO +85°C.





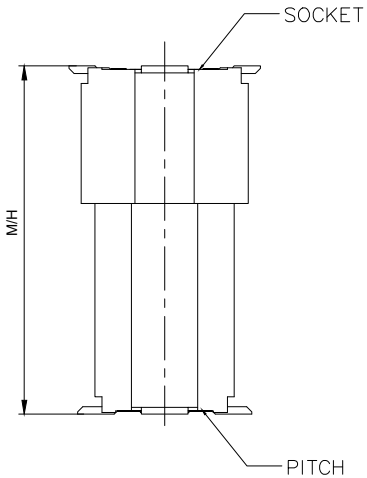




RECOMMENDED PCB LAYOUT

BB0137P XX A
Pin No
10=10Pin
20=20Pin
.....

P/N		MH (mm)
Plug	SOCKET	
BB0137PXXA	BB0137RXXA	12.00
	BB0138RXXA	14.00
	BB0139RXXA	15.00
	BB0140RXXA	16.00



PIN NO.	A	B	C	D
10	2.0	5.0	4.0	2.5
12	2.5	5.5	4.5	3.0
14	3.0	6.0	5.0	3.5
16	3.5	6.5	5.5	4.0
18	4.0	7.0	6.0	4.5
20	4.5	7.5	6.5	5.0
22	5.0	8.0	7.0	5.5
24	5.5	8.5	7.5	6.0
26	6.0	9.0	8.0	6.5
28	6.5	9.5	8.5	7.0
30	7.0	10.0	9.0	7.5
32	7.5	10.5	9.5	8.0
34	8.0	11.0	10.0	8.5
36	8.5	11.5	10.5	9.0
38	9.0	12.0	11.0	9.5
40	9.5	12.5	11.5	10.0
42	10.0	13.0	12.0	10.5
44	10.5	13.5	12.5	11.0
46	11.0	14.0	13.0	11.5
48	11.5	14.5	13.5	12.0
50	12.0	15.0	14.0	12.5
52	12.5	15.5	14.5	13.0
54	13.0	16.0	15.0	13.5
56	13.5	16.5	15.5	14.0
58	14.0	17.0	16.0	14.5
60	14.5	17.5	16.5	15.0
62	15.0	18.0	17.0	15.5
64	15.5	18.5	17.5	16.0
66	16.0	19.0	18.0	16.5
68	16.5	19.5	18.5	17.0
70	17.0	20.0	19.0	17.5
80	19.5	22.5	21.5	20.0

NO.	PART NAME	DESCRIPTION , REMARKS

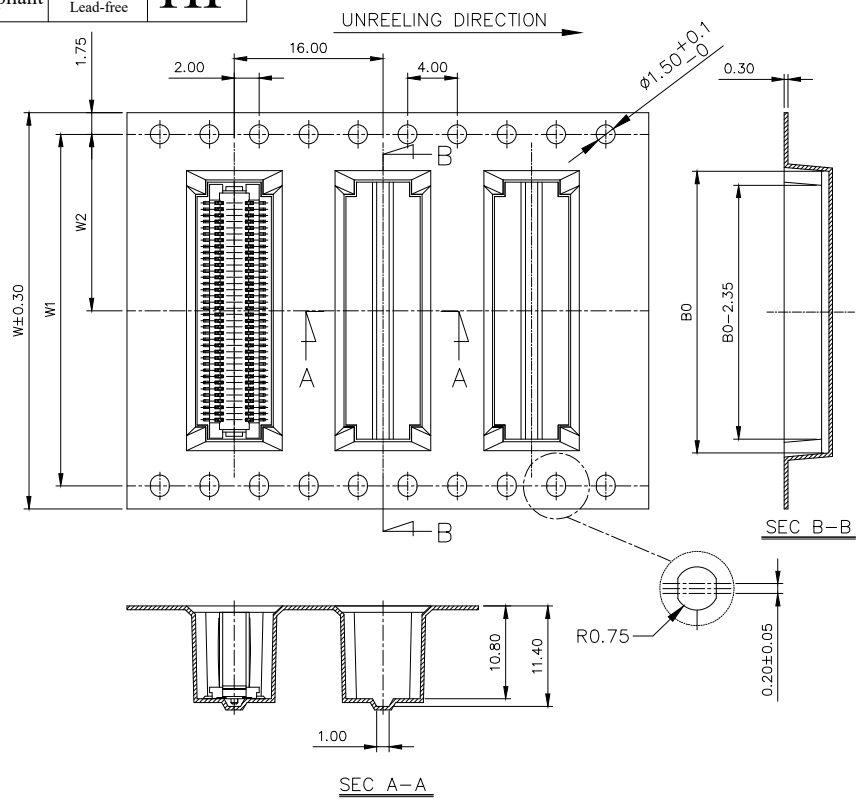
NO.	PART NAME	DESCRIPTION , REMARKS

GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1
X. ± 0.30	X.° ± 5°	APRROVED	LEO
.X ± 0.20	.X° ± 3°	CHECKED	GONG
.XX ± 0.15	.XX° ± 2°	DESIGNED	Qiang

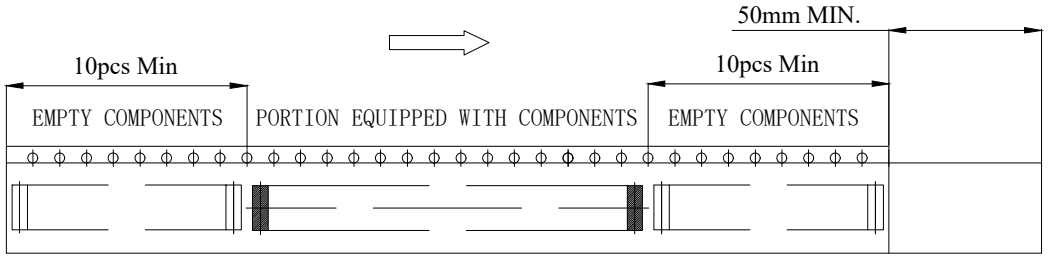
CPt 元精技术

TITLE: 0.5 BOARD TO BOARD SMT V-T TYPE MALE
DRAWING NO. : C-BB0137P-1 A
PART NO. : SEE PART NO 1/1

Rohs 2.0 Compliant | Pb Lead-free | HF



DIRECTION OF UNREELING



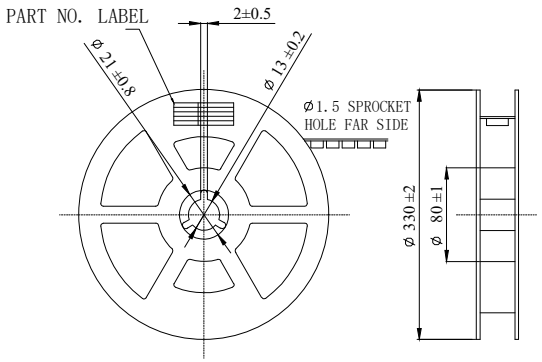
TRAILER TAPING(FREE) LEADER

PIN	10	12	14	16	18	20	22	24	26	28	30	32
W	016		016		016		016		024		024	
B0	5.25	5.75	6.25	6.75	7.25	7.75	8.25	8.75	9.25	9.75	10.25	10.75
A0	4.30		4.30		4.30		4.30		4.30		4.30	
A1	6.00		6.00		6.00		6.00		6.00		6.00	
PIN	34	36	38	40	42	44	46	48	50	52	54	56
W	024		024		024		024		024		032	
B0	11.25	11.75	12.25	12.75	13.25	13.75	14.25	14.75	15.25	15.75	16.25	16.75
A0	4.30		4.30		4.30		4.30		4.30		4.30	
A1	6.00		6.00		6.00		6.00		6.00		6.00	
PIN	58	60	62	64	66	68	70	72	74	76	78	80
W	032		032		032		032		044		044	
B0	17.25	17.75	18.25	18.75	19.25	19.75	20.25	20.75	21.25	21.75	22.25	22.75
A0	4.30		4.30		4.30		4.30		4.30		4.30	
A1	6.00		6.00		6.00		6.00		6.00		6.00	

W	W1	W2	REEL/CARTON
16		7.50	10
24		11.50	8
32	28.40	14.20	6
44	40.40	20.20	5

STYLE AND DIMENSION OF REEL

PER REEL 350 CONNECTORS



GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1	TITLE:	0.5 BOARD TO BOARD SMT V-T TYPE MALE	
X. ± 0.30	X.° ± 5°	APRROVED	LEO	DRAWING NO. :	C-BB0137P-1	A
.X ± 0.20	.X° ± 3°	CHECKED	Gong	PART NO. :	SEE PART NO	2/2
.XX ± 0.15	.XX° ± 2°	DESIGNED	Qiang			

元精技术