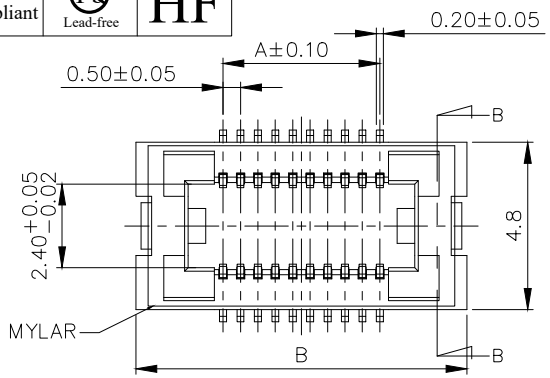
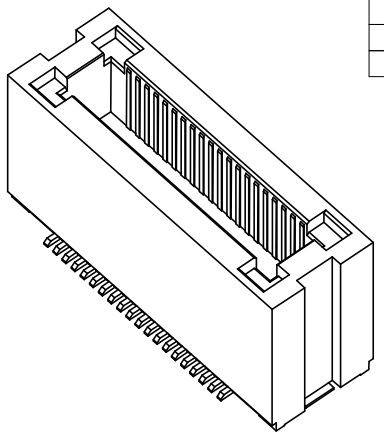
Rohs 2.0 Compliant | Pb Lead-free | HF

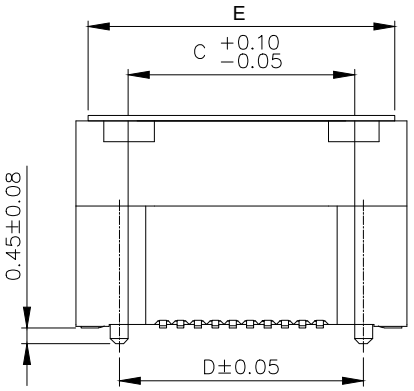
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2024.07.06	QIANG	GONG	LEO

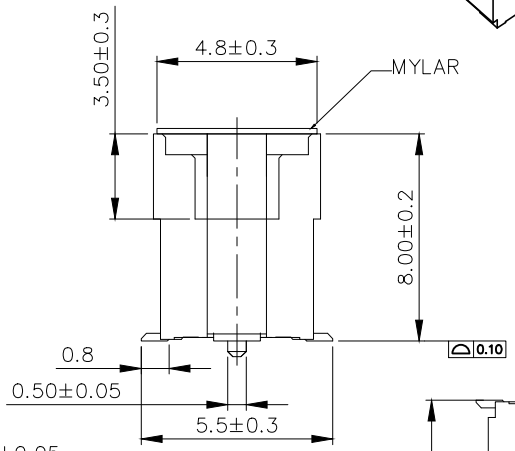


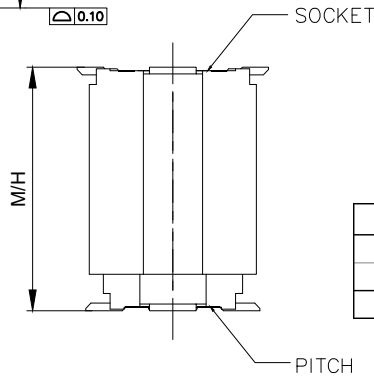


NOTES:
1.INSULATOR:HIGH-TEMP THERMOPLASTIC, UL94V-0
COLOR:BLACK
2.TERMINAL:COPPER ALLOY CONTACT AREA Au 1u" MIN,
SOLDER AREA Au 1u" MIN,
UNDERPLATING:50u"Min NICKEL OVERALL
3.RATED VOLTAGE :50V AC/DC, RATED CURRENT :0.5A AC/DC
4.WITHSTANDING VOLTAGE:200V AC for 1 min
5.CONTACT RESISTANCE:50mΩ MAX
6.INSULATION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

BB0142R XX A
Pin No
10=10Pin
20=20Pin
.....





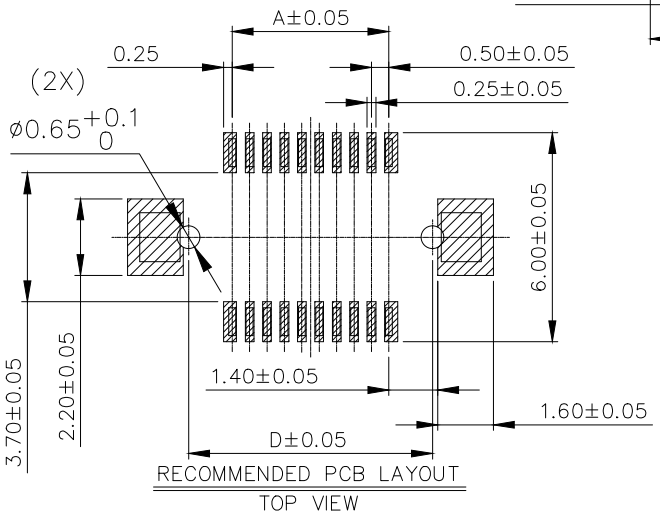


P/N		MH (mm)
SOCKET	Plug	
BB0142RXXA	BB0133PXXA	9.00

CAP	OPTION
F	PIN NO.
6.0	10~18 PIN
8.0	20~80 PIN

MAYLAR	OPTION
E	PIN NO.
6.0	10~18 PIN
8.8	20~80 PIN

PIN NO.	A	B	C	D
10	2.0	7.0	4.0	4.5
12	2.5	7.5	4.5	5.0
14	3.0	8.0	5.0	5.5
16	3.5	8.5	5.5	6.0
18	4.0	9.0	6.0	6.5
20	4.5	9.5	6.5	7.0
22	5.0	10.0	7.0	7.5
24	5.5	10.5	7.5	8.0
26	6.0	11.0	8.0	8.5
28	6.5	11.5	8.5	9.0
30	7.0	12.0	9.0	9.5
32	7.5	12.5	9.5	10.0
34	8.0	13.0	10.0	10.5
36	8.5	13.5	10.5	11.0
38	9.0	14.0	11.0	11.5
40	9.5	14.5	11.5	12.0
42	10.0	15.0	12.0	12.5
44	10.5	15.5	12.5	13.0
46	11.0	16.0	13.0	13.5
48	11.5	16.5	13.5	14.0
50	12.0	17.0	14.0	14.5
52	12.5	17.5	14.5	15.0
54	13.0	18.0	15.0	15.5
56	13.5	18.5	15.5	16.0
58	14.0	19.0	16.0	16.5
60	14.5	19.5	16.5	17.0
62	15.0	20.0	17.0	17.5
64	15.5	20.5	17.5	18.0
66	16.0	21.0	18.0	18.5
68	16.5	21.5	18.5	19.0
70	17.0	22.0	19.0	19.5
80	19.5	24.5	21.5	22.0



RECOMMENDED PCB LAYOUT
TOP VIEW

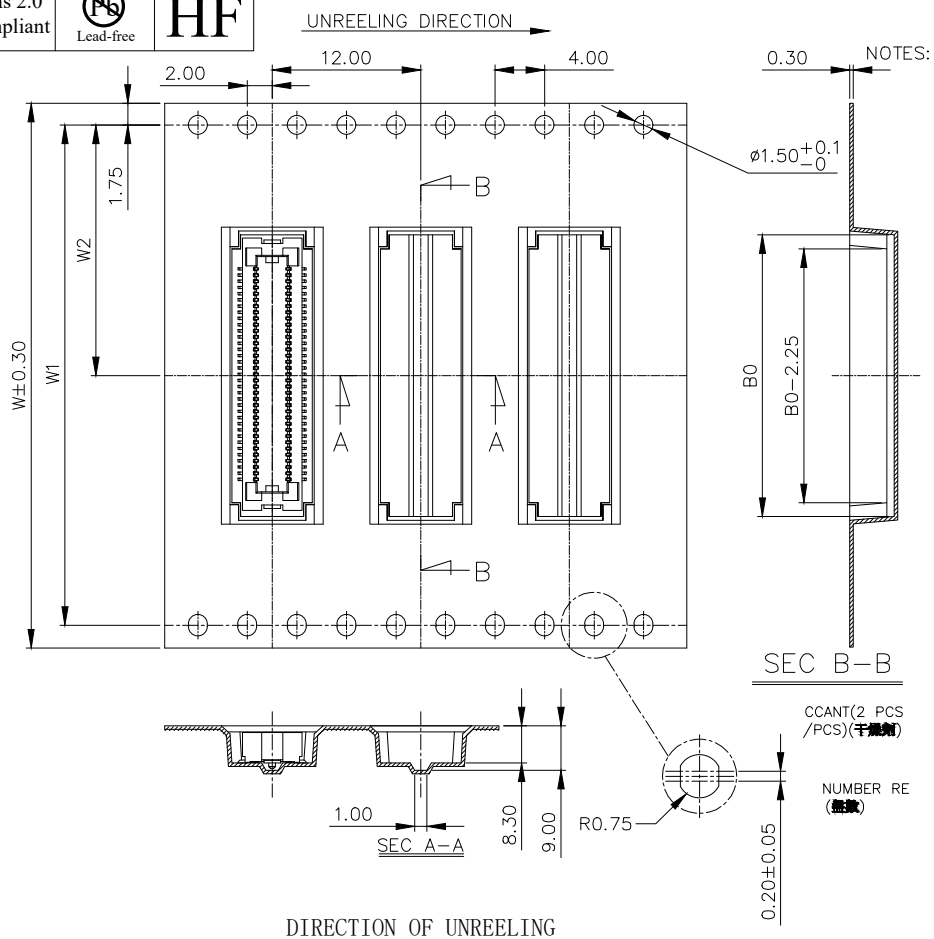
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS

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 FEMALE
DRAWING NO. : C-BB0142R-1 A
PART NO. : SEE PART NO 1/1

Rohs 2.0 Compliant | Pb Lead-free | HF



W	W 1	W 2	REEL	CARTON
16		7.50		10
24		11.50		8
32	28.40	14.20		6
44	40.40	20.20		5

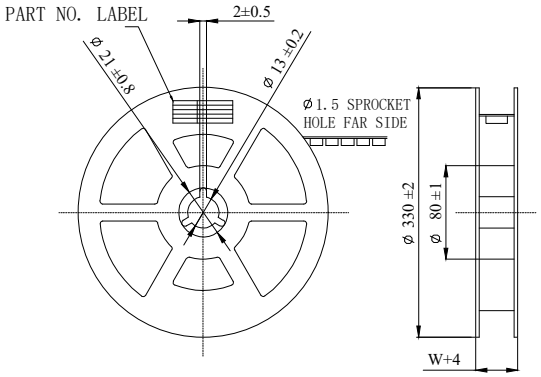
PIN	10	12	14	16	18	20	22	24	26	28	30	32
W	016		024		024		024		024		024	
B0	7.75		8.75		9.75		10.75		11.75		12.75	

PIN	34	36	38	40	42	44	46	48	50	52	54	56	58	60
W	024		024		024		032		032		032		032	
B0	13.75		14.75		15.75		16.75		17.75		18.75		19.75	

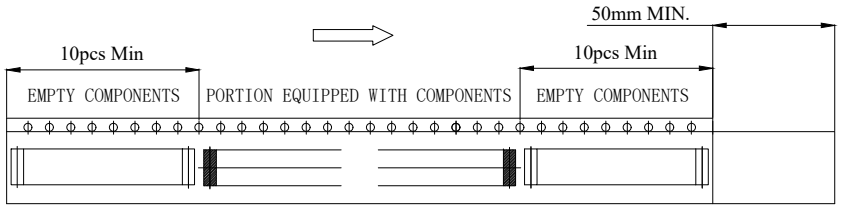
PIN	62	64	66	68	70	72	74	76	78	80
W	044		044		044		044		044	
B0	20.75		21.75		22.75		23.75		24.75	

STYLE AND DIMENSION OF REEL

PER REEL 400 CONNECTORS



DIRECTION OF UNREELING



TRAILER TAPING(FREE) LEADER

GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1	TITLE: 0.5 BOARD TO BOARD SMT V-T TYPE FEMALE	
X. ± 0.30	X.° ± 5°	APRROVED	LEO	DRAWING NO. : C-BB0142R-1	A
.X ± 0.20	.X° ± 3°	CHECKED	Gong		
.XX ± 0.15	.XX° ± 2°	DESIGNED	Qiang	PART NO. : SEE PART NO	2/2

CPT 元精技术