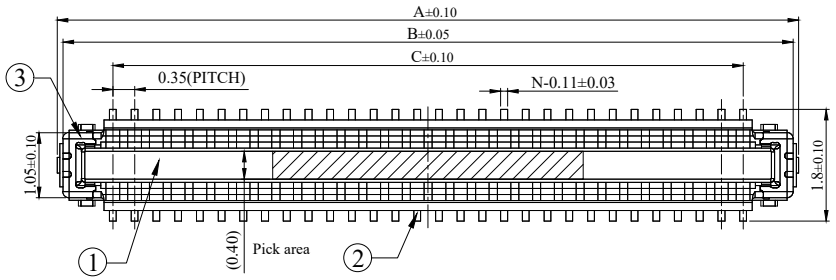
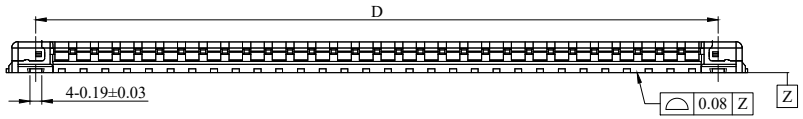
Rohs 2.0 Compliant | Pb Lead-free | HF

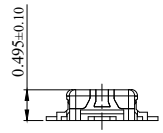
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2024.05.06	Qiang	GONG	LEO
A	/	NEW	2025.06.13	Qiang	GONG	LEO

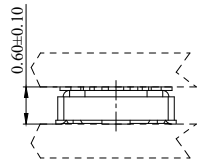
TABLE:

P/N	No,of PIN	DIM					
		A	B	C	D	E	F
BB0030P10A	10PIN	3.19	3.01	1.40	2.24	1.80	4.60
BB0030P12A	12PIN	3.54	3.36	1.75	2.59	2.15	4.95
BB0030P16A	16PIN	4.24	4.06	2.45	3.29	2.85	5.65
BB0030P24A	24PIN	5.64	5.46	3.85	4.69	4.25	7.05
BB0030P30A	30PIN	6.69	6.51	4.90	5.74	5.30	8.10
BB0030P40A	40PIN	8.44	8.26	6.65	7.49	7.05	9.85
BB0030P50A	50PIN	10.19	10.01	8.40	9.24	8.80	11.60
BB0030P60A	60PIN	11.94	11.76	10.15	10.99	10.55	13.35

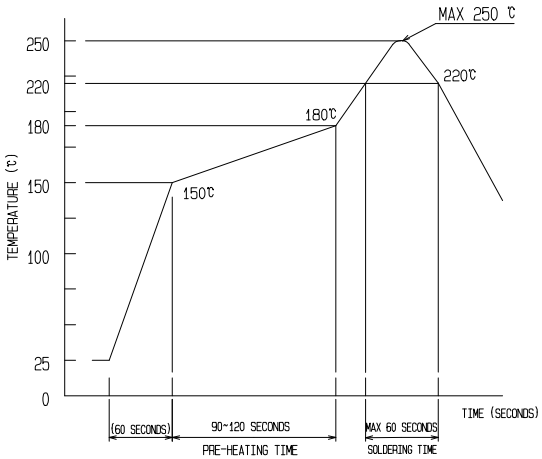




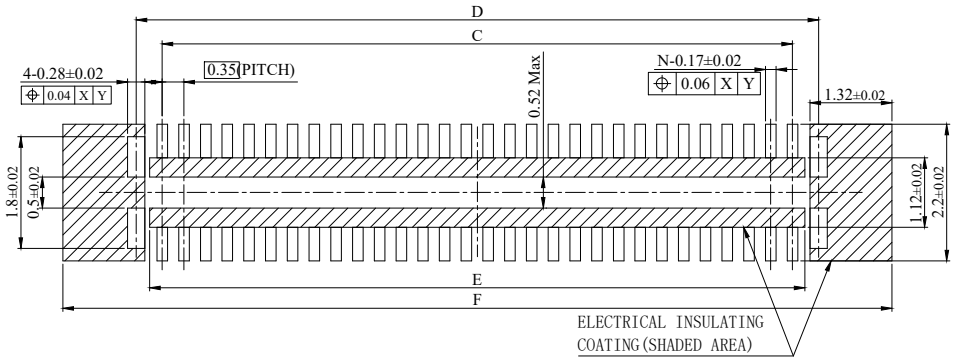




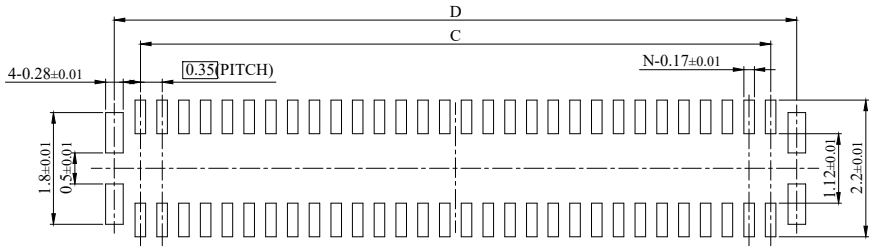
MATING HEIGHT



RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL DIMENSIONS(THICKNESS: 0.08 mm)

NOTES:
1. 0 VOLTAGE: 50V AC/DC
2. 0 CURRENT: 0.3A/SIGNAL CONTACT,5A/POWER CONTACT
3. 0 OPERATION TEMPERATURE: -40° C TO 85° C
4. 0 CONTACT RESISTANCE(INITAIL): 70mΩ /SIGNAL CONTACT,15mΩ /POWER CONTACT
   (AFTER TEST): 100mΩ /SIGNAL CONTACT,20mΩ /POWER CONTACT
5. 0 INSULATION RESISTANCE: 50MΩ MIN INITIAL
6. 0 DIELECTIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
7. 0 MATING:50N Max
   UNMATING FORCE:(INITAIL)6N Min;(AFTER TEST)5N Min
8. 0 DURABILITY:30 CYCLES
9. 0 IR REFLOW CYCLE: 2 CYCLES MAX.

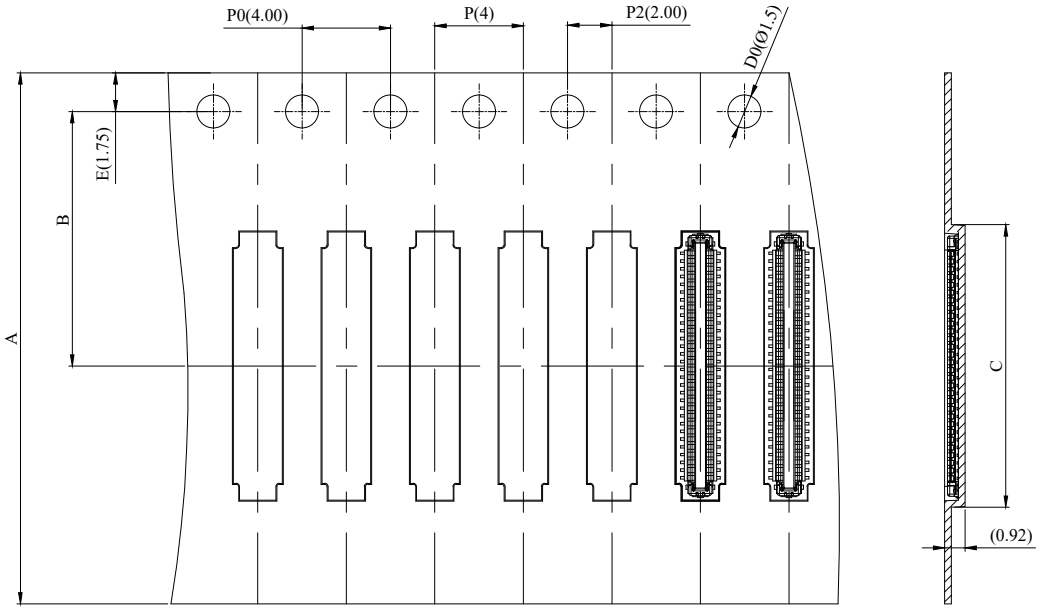
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
3	POWER CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	5	COVER TAPE	PLLYESTER
1	HOUSING	LCP , BLACK, UL 94 V-0	4	EMBOSSED CARRIER TAPE	PS

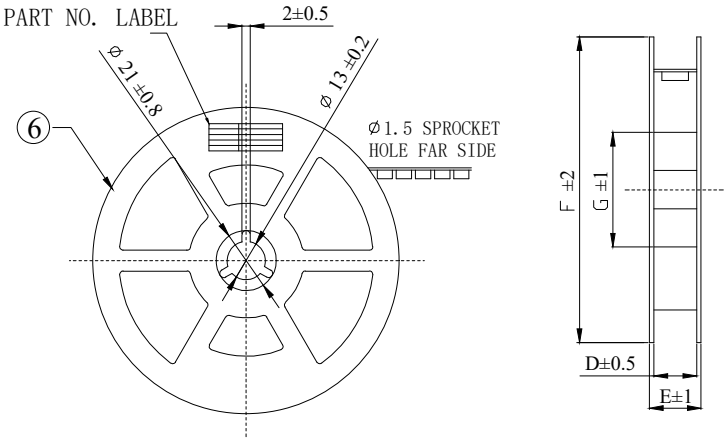
GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1
X. ± 0.30	X.° ± 5°	APRROVED	LEO
.X ± 0.20	.X" ± 3"	CHECKED	TOM
.XX ± 0.15	.XX" ± 2"	DESIGNED	GONG

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TITLE: BTB CONN, Plug, MH0.60, P0.35mm
DRAWING NO. : C-BB0030P-1 A
PART NO. : SEE TABLE 1/2

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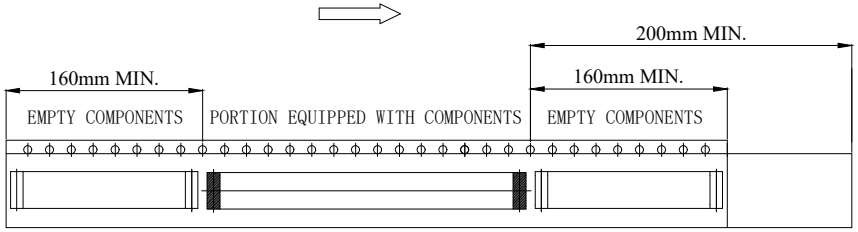
STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

TABLE:

P/N	No,of PIN	DIM						
		A	B	C	D	E	F	G
BB0030P10A	10PIN	16.0	7.5	4.02	17.5	21.5	330	80
BB0030P12A	12PIN	16.0	7.5	4.37	17.5	21.5	330	80
BB0030P16A	16PIN	16.0	7.5	5.07	17.5	21.5	330	80
BB0030P24A	24PIN	16.0	7.5	6.47	17.5	21.5	330	80
BB0030P30A	30PIN	16.0	7.5	7.52	17.5	21.5	330	80
BB0030P40A	40PIN	24.0	11.5	9.27	25.5	29.5	330	80
BB0030P50A	50PIN	24.0	11.5	11.02	25.5	29.5	330	80
BB0030P60A	60PIN	24.0	11.5	12.77	25.5	29.5	330	80

DIRECTION OF UNREELING



NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1	TITLE:	BTB CONN, Plug, MH0.6, P0.35mm
X. ± 0.30	X.° ± 5°	APRROVED	LEO		
.X ± 0.20	.X° ± 3°	CHECKED	TOM	DRAWING NO. :	C-BB0030P-1 A
.XX ± 0.15	.XX° ± 2°	DESIGNED	GONG	PART NO. :	SEE TABLE 2/2

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