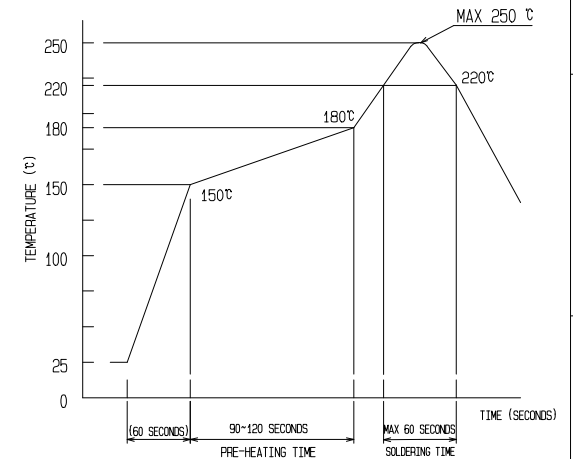
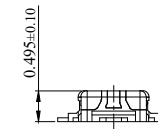
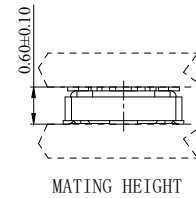
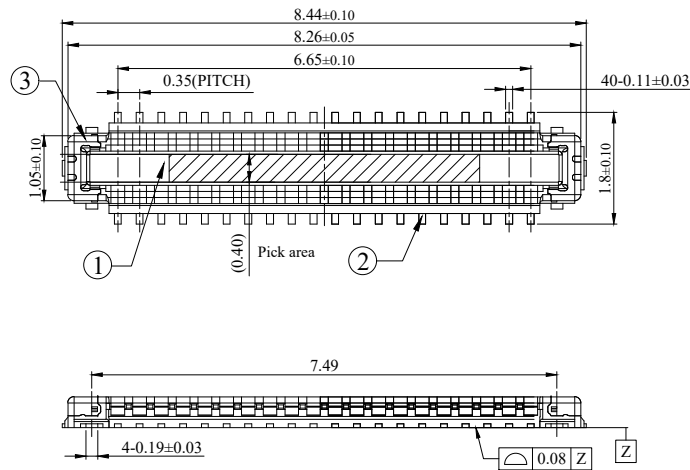
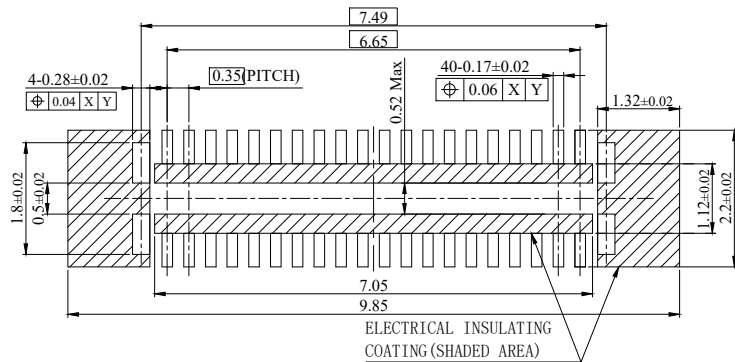


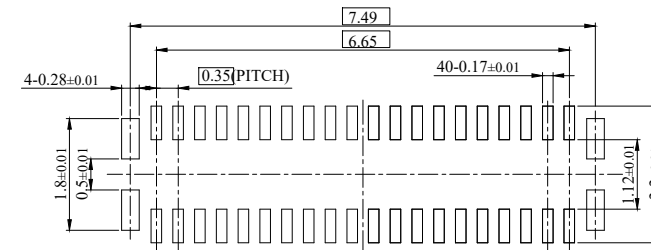
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2025.12.30	Qiang	GONG	LEO



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.

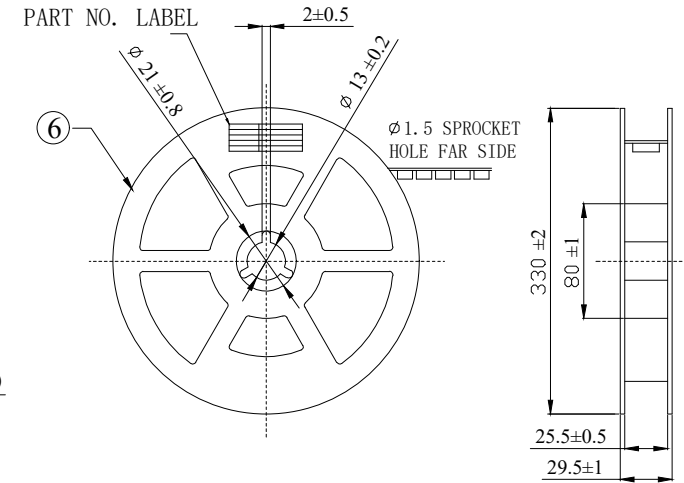
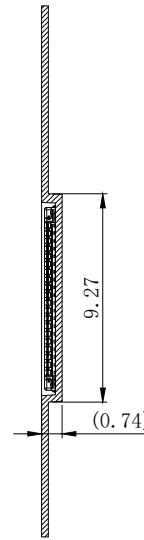
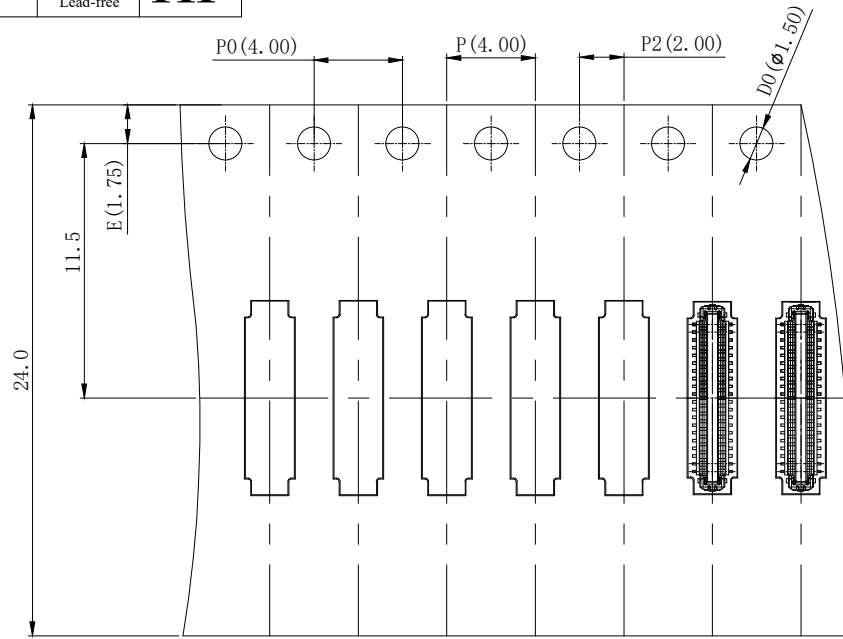
3	POWER CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	5	COVER TAPE	PLLYESTER
1	HOUSING	LCP , BLACK, UL 94 V-0	4	EMBOSSD CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS:mm	SCALE 1 : 1	TITLE: BTB CONN, Plug, MHO. 60, PO. 35mm (40PIN)	
X. ± 0.30	X.* ± 5°	APPROVED	LEO	DRAWING NO. :	C-BB0030P-3
.X ± 0.20	.X* ± 3°	CHECKED	TOM	PART NO. :	BB0030P40A
.XX ± 0.15	.XX* ± 2°	DESIGNED	GONG		

CPT 元精技术

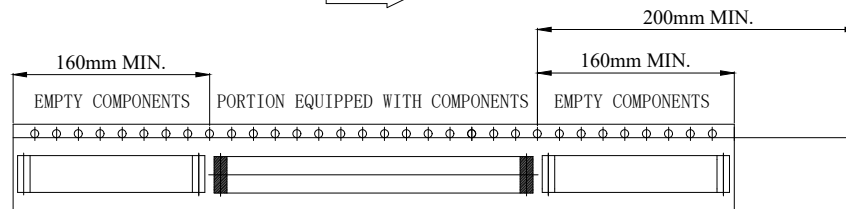
Rohs 2.0
Compliant



HF



DIRECTION OF UNREELING



STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

CPT 元精技术

NO.				PART NAME				DESCRIPTION , REMARKS			
GENERAL				TOLERANCE				UNITS:mm			
X. ± 0.30				X." ± 5"				APPROVED			
.X ± 0.20				.X" ± 3"				CHECKED			
.XX ± 0.15				.XX" ± 2"				DESIGNED			
TITLE:				BTB CONN, P1ug, MH0. 6, P0. 35mm (40PIN)				DRAWING NO. :			
PART NO. :				BB0030P-3				PART NO. :			