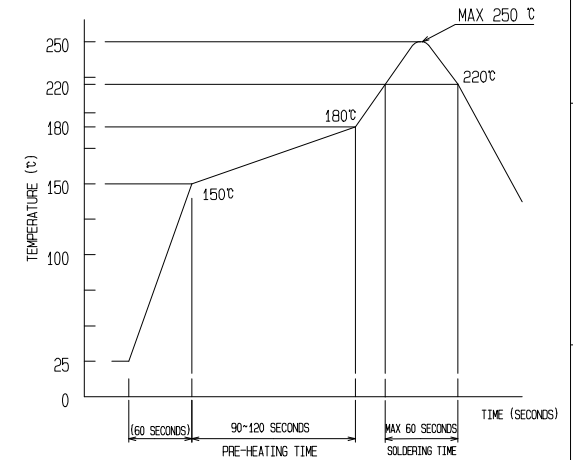
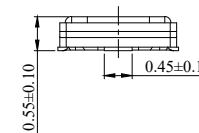
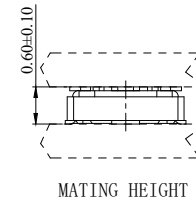
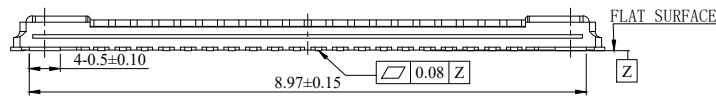
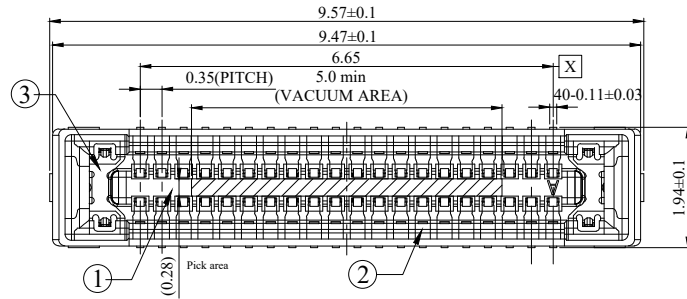


Rohs 2.0
Compliant

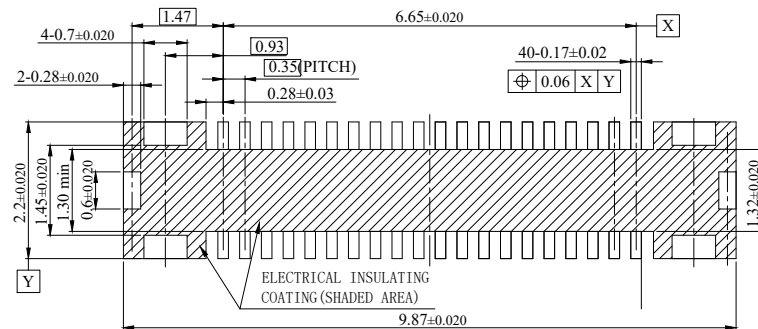


HF

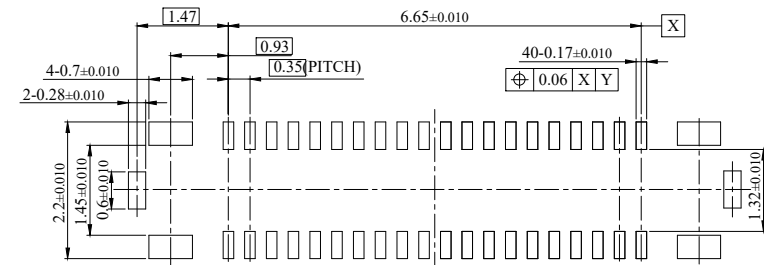
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2025.12.30	GONG	/	LEO



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 (INITIAL): 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: (INITIAL) 6N Min; (AFTER TEST) 5N Min
- 8.0 DURABILITY: 30 CYCLES
- 9.0 IR REFLOW CYCLE: 2 CYCLES MAX.

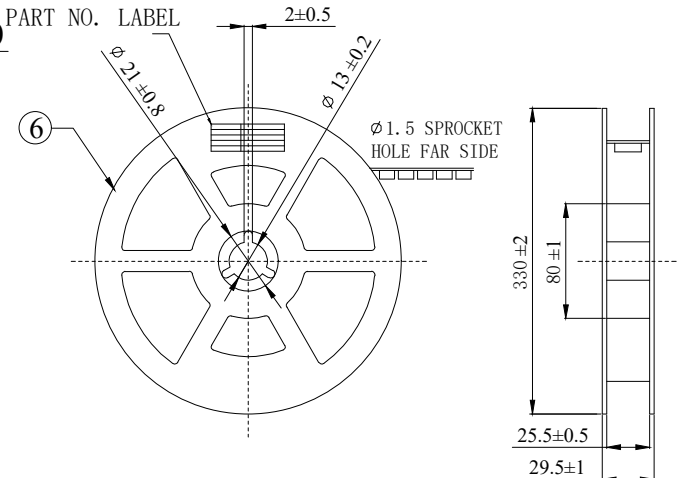
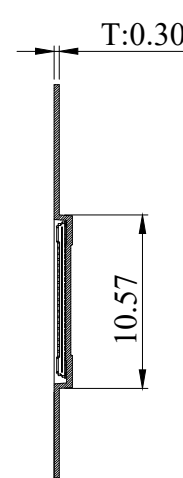
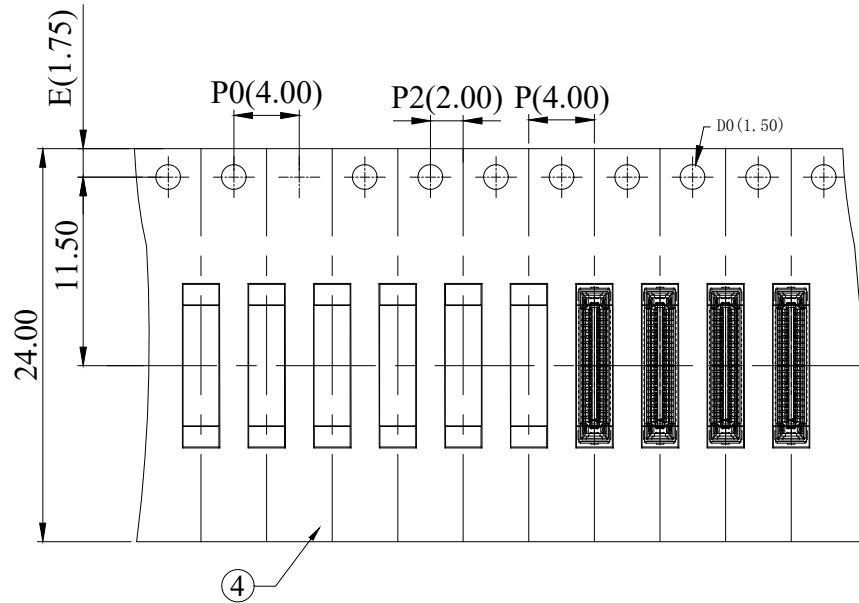
CPT 元精技术

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
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS:mm SCALE 1 : 1	TITLE: BTB CONN,REC,MH0.60,P0.35mm(40PIN)		
X. ± 0.30	X.* ± 5°	APPROVED	DRAWING NO. : C-BB0030R-3		
.X ± 0.20	.X* ± 3°	CHECKED	PART NO. : BB0030R40A		
.XX ± 0.15	.XX* ± 2°	DESIGNED			
		LEO			
		Torn			
		GONG			

Rohs 2.0
Compliant



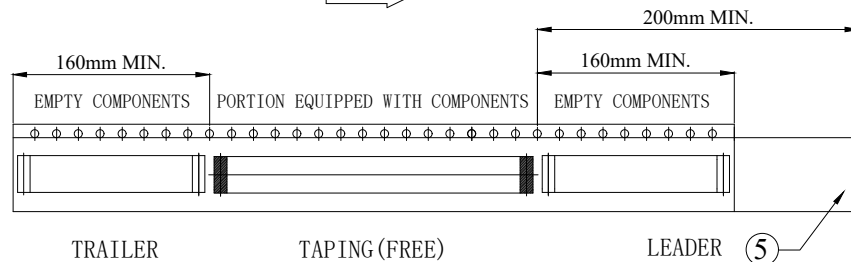
HF



STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

DIRECTION OF UNREELING



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, REC, MHO. 6, PO. 35mm (40PIN)				DRAWING NO. :			
PART NO. :				BB0030R-3				BB0030R40A			
X1				2				2			