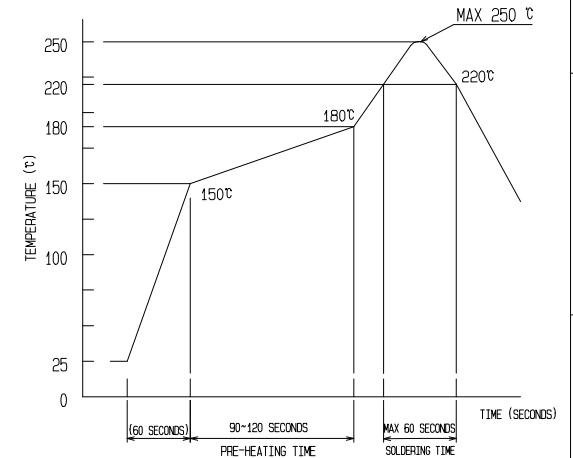
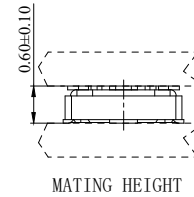
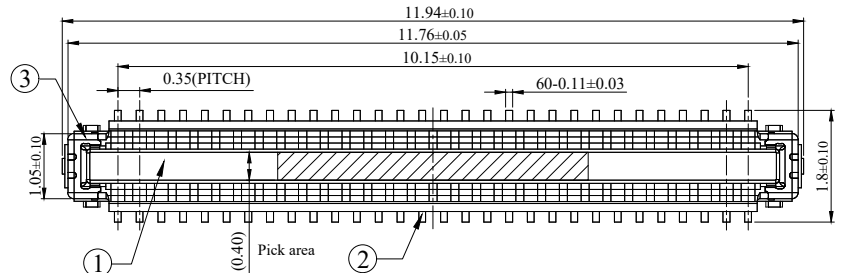
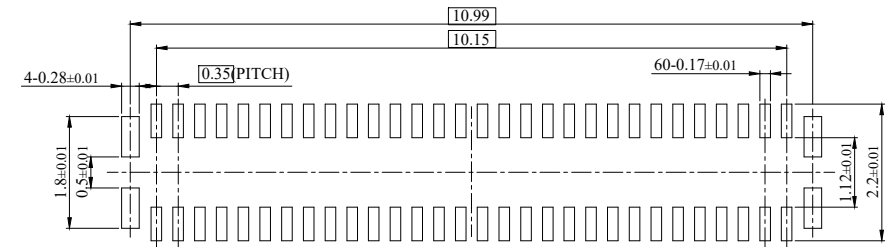
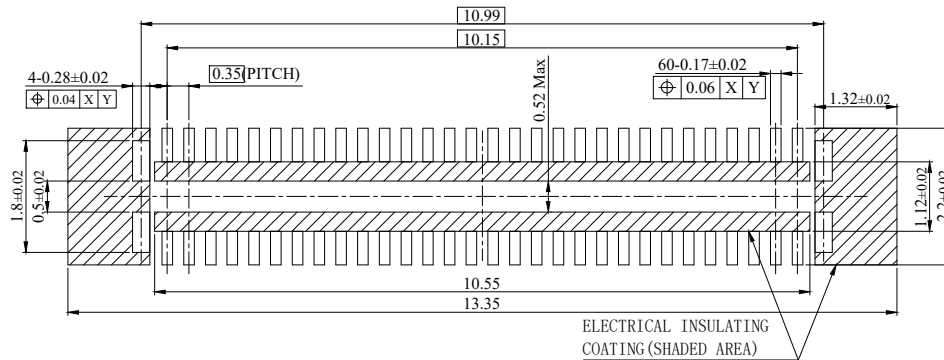
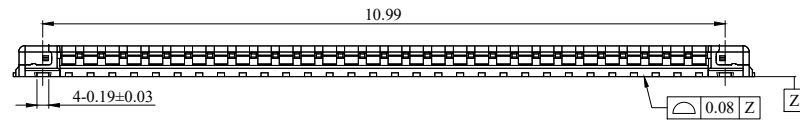


REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2024.05.06	Qiang	GONG	LEO
A	/	NEW	2025.06.13	Qiang	GONG	LEO



RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)

RECOMMENDED PCB LAYOUT

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.

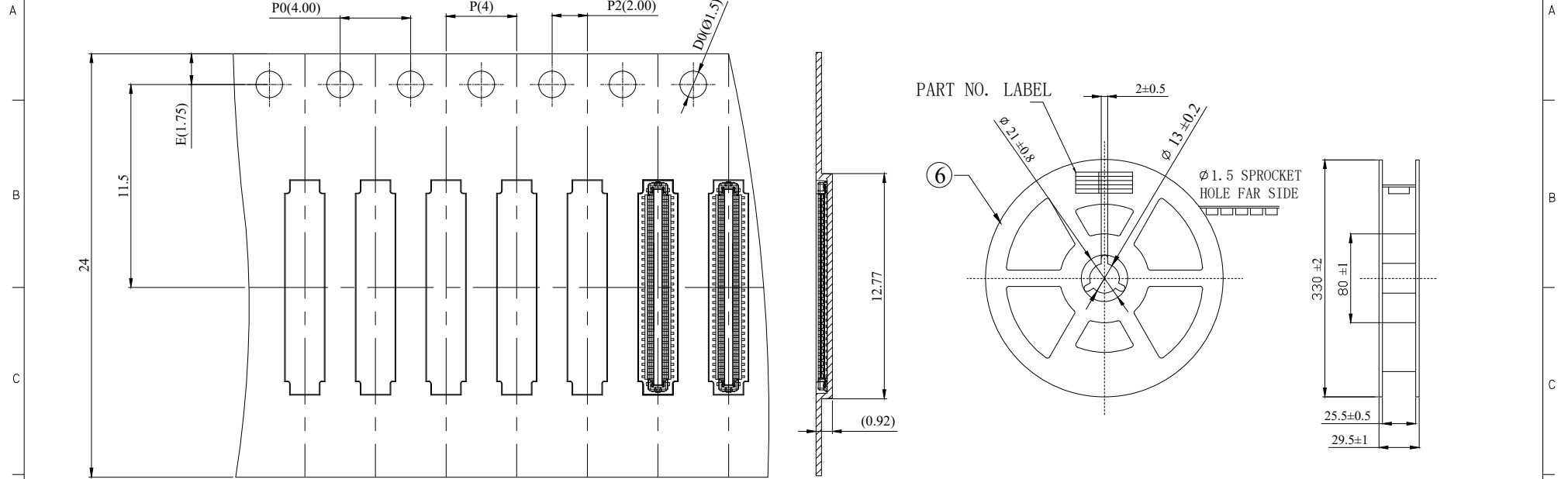
CPT 元精技术

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, Plug, MHO. 60, PO. 35mm	
X. ± 0.30	X.* ± 5°	APPROVED	LEO	DRAWING NO. :	C-BB0030P-1
.X ± 0.20	.X* ± 3°	CHECKED	TOM	PART NO. :	BB0030P60A
.XX ± 0.15	.XX* ± 2°	DESIGNED	GONG		

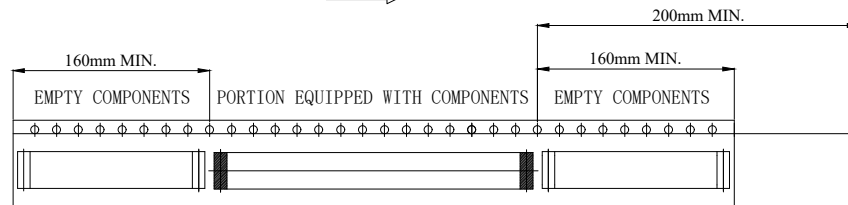
Rohs 2.0
Compliant



HF



DIRECTION OF UNREELING



TRAILER

TAPING (FREE)

LEADER

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					
DRAWING NO. :			C-BB0030P-1			A		
PART NO. :			BB0030P60A			2/2		