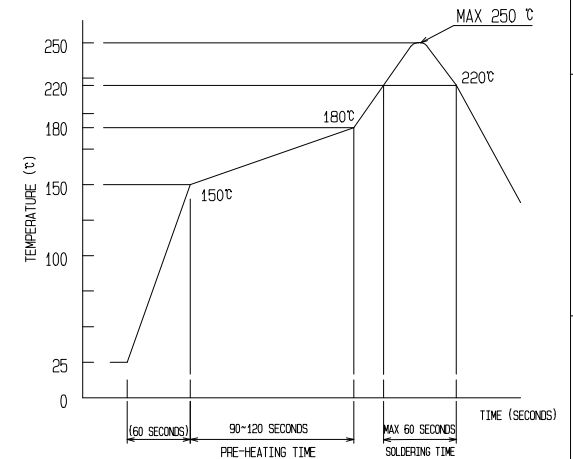
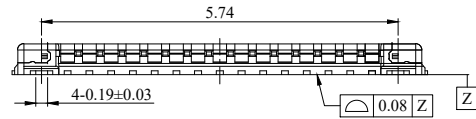
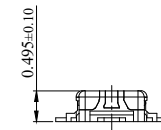
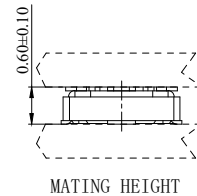
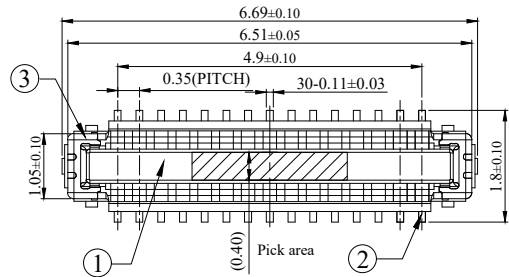
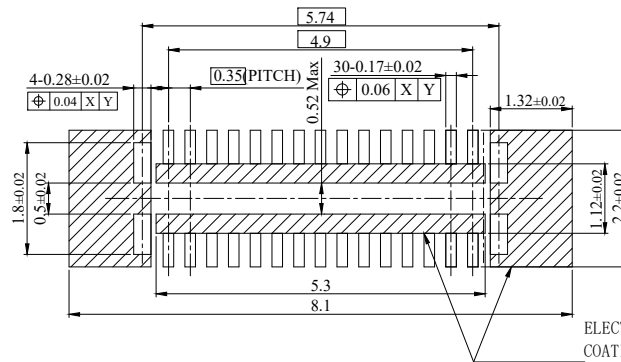


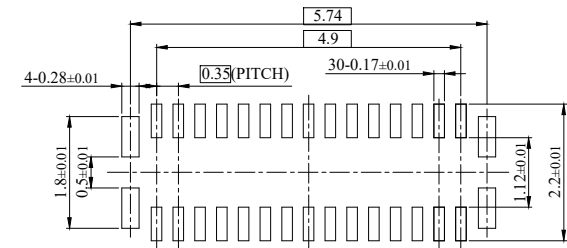
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2025.12.30	Qiang	GONG	LEO



RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)

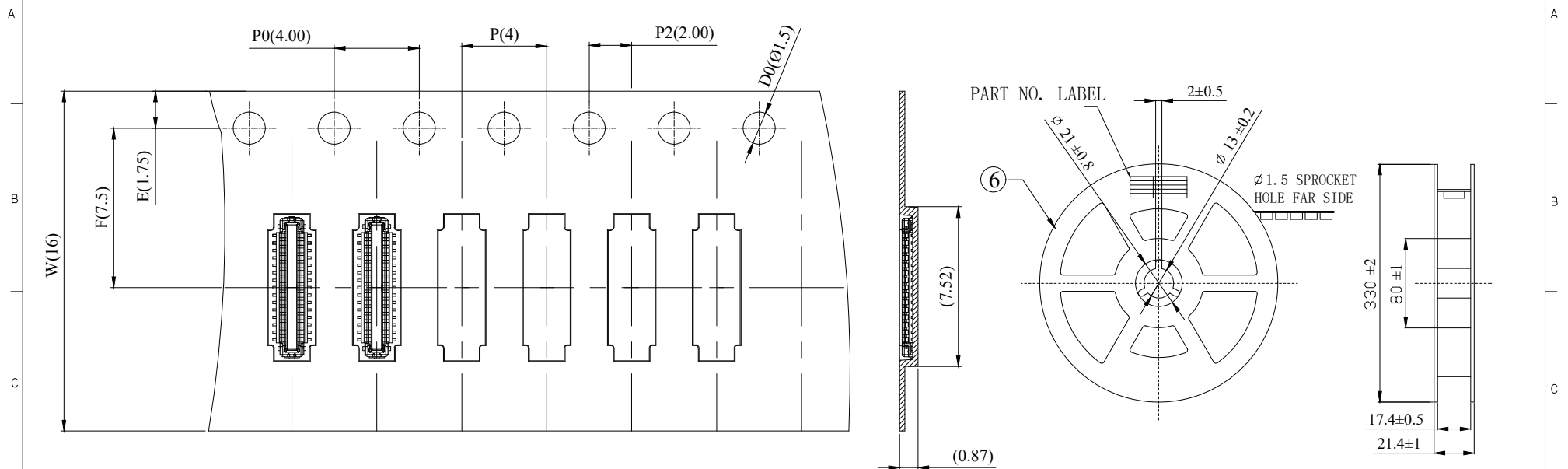
NOTES:

- 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.

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 (30Pin)		
X. ± 0.30	X.* ± 5°	APPROVED	DRAWING NO. : C-BB0030P-2		
.X ± 0.20	.X* ± 3°	CHECKED	PART NO. : BB0030P30A		
.XX ± 0.15	.XX* ± 2°	DESIGNED			

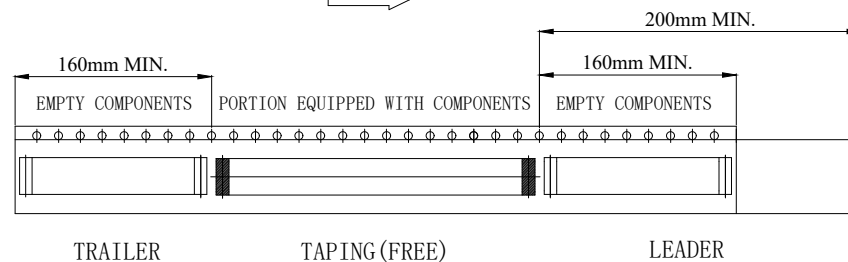
X1
1/2



STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

DIRECTION OF UNREELING



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, Plug, MH0.60, P0.35mm (30Pin)				SCALE 1 : 1			
DRAWING NO. :				C-BB0030P-2				X1			
PART NO. :				BB0030P30A				2			