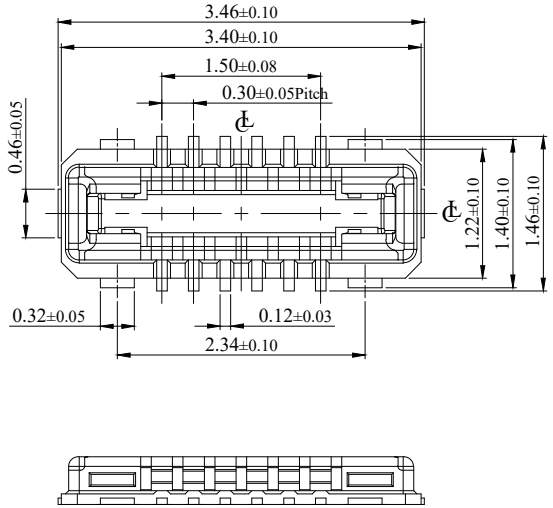
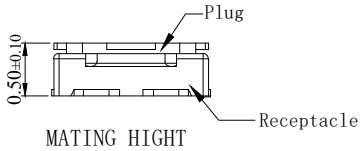
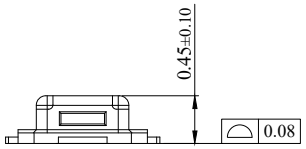
Rohs 2.0 Compliant | Pb Lead-free | HF

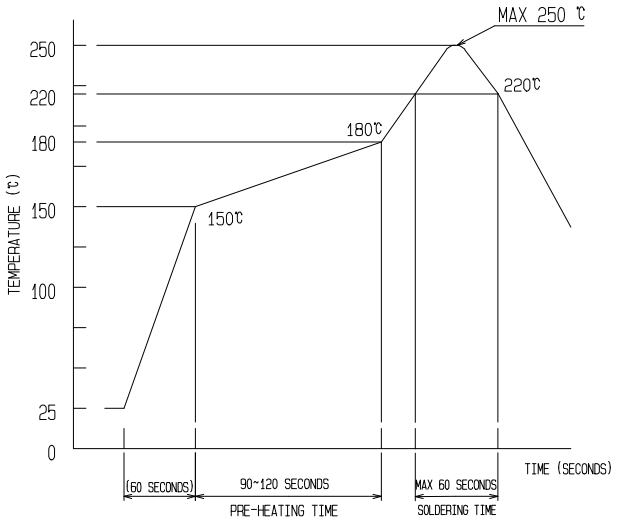
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2026.10.23	Qiang	GONG	LEO



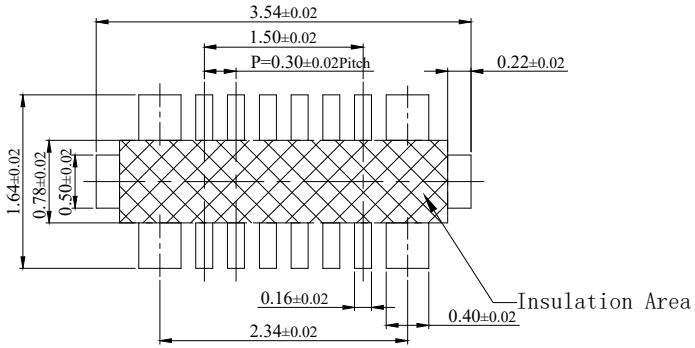


MATING HIGHT

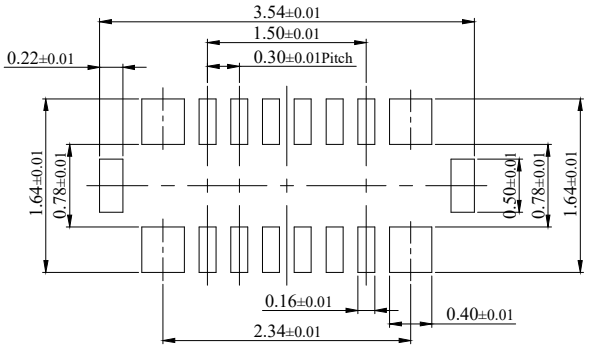




RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



RECOMMENDED PCB LAYOUT



RECOMMENDED METAL DIMENSIONS(THICKNESS: 0.08 mm)

PROPOSAL ONLY

NOTES:
1. 0 VOLTAGE: 30V AC/DC
2. 0 CURRENT: 0.3A Max/SIGNAL CONTACT, 3A Max/POWER CONTACT
3. 0 OPERATION TEMPERATURE: -55° C TO 85° C
4. 0 CONTACT RESISTANCE: 50mΩ Max/SIGNAL CONTACT, 30mΩ Max/POWER CONTACT
5. 0 INSULATION RESISTANCE: 50MΩ MIN INITIAL
6. 0 DIELECTIC WITHSTANDING VOLTAGE: 150V AC FOR ONE MINUTE
7. 0 DURABILITY:30 CYCLES
8. 0 IR REFLOW CYCLE: 2 CYCLES MAX.

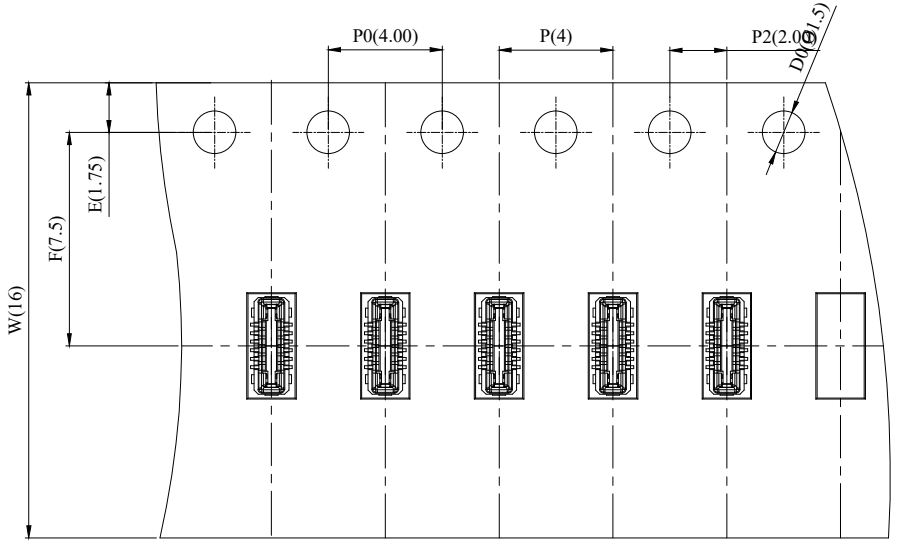
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS

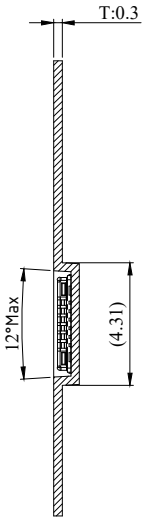
GENERAL	TOLERANCE	UNITS:mm	SCALE 1 : 1
X. ± 0.30	X.° ± 5°	APRROVED	LEO
.X ± 0.20	.X° ± 3°	CHECKED	Gong
.XX ± 0.15	.XX° ± 2°	DESIGNED	Qiang

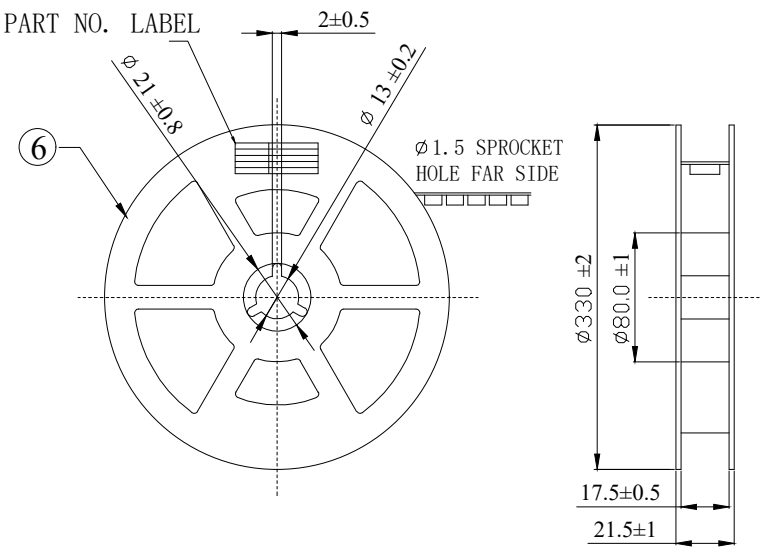
CPT 元精技术

TITLE:	BTB CONN, Plug, MH0.50, P0.30mm (12Pin)
DRAWING NO. :	C-BB0136P-1 X1
PART NO. :	BB0136P12A 1/2

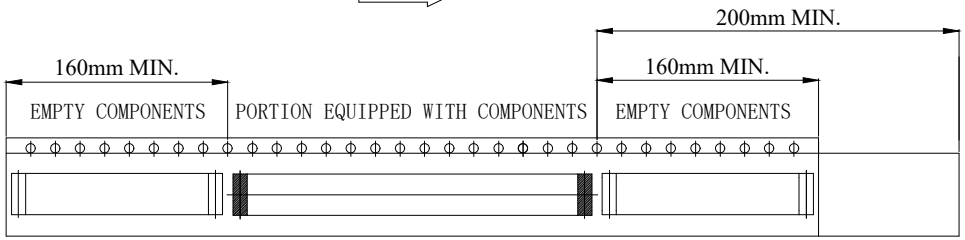
Rohs 2.0 Compliant | Pb Lead-free | HF







DIRECTION OF UNREELING



STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

PROPOSAL ONLY

NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS

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

元精技术

TITLE:	BTB CONN, Plug, MH0.50, P0.30mm (12Pin)
DRAWING NO. :	C-BB0136P-1 X1
PART NO. :	BB0136P12A 2/2