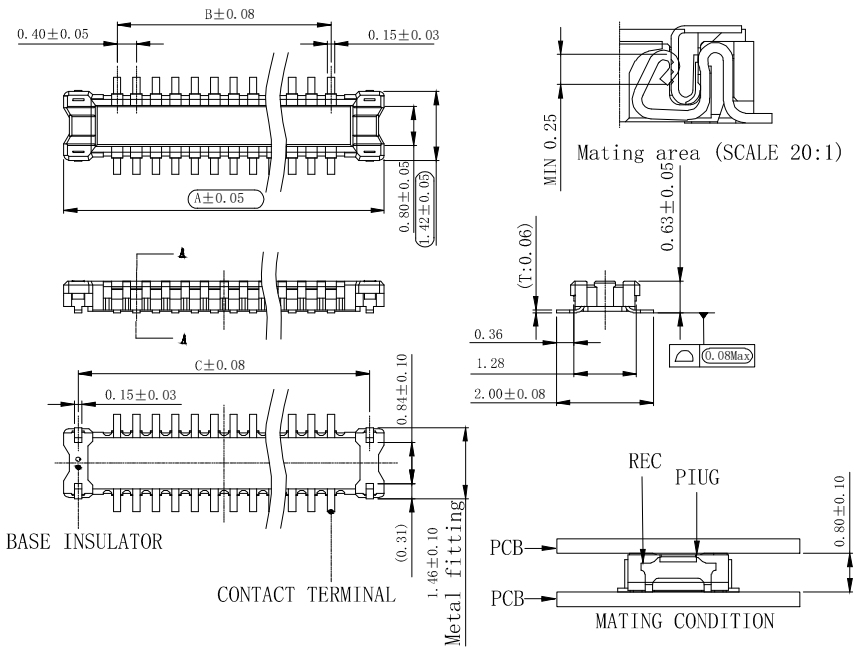
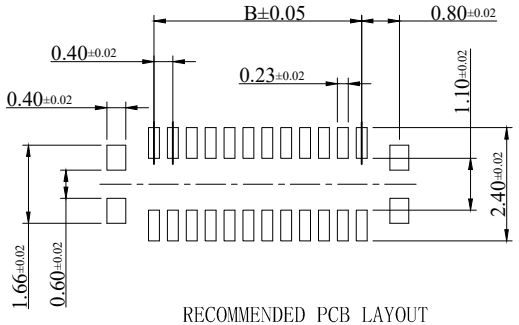
Rohs 2.0 Compliant | Pb Lead-free | HF

REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2025.02.27	Qiang	Gong	Leo





RECOMMENDED PCB LAYOUT
RECOMMENDED STEEL NET THICKNESS:0.08mm

NOTES:
1. NO RUST, CONTAMINATION, DAMAGE NOR DEFORMATION EFFECTING ON FUNCTION;
   DIMENSIONS WITH MARK ⬭ SHOULD MAKE CPK STATISTICAL;
2. BEFORE AND AFTER RE-FLOW LEAD CO-PLANATITY:MAX 0.08mm
3. PRODUCT SPECIFICATIONS:
   3-1. VOLTAGE RATING: 60V AC/DC
   3-2. CURRENT RATING: 0.3A/CONTACT (MAX. 5A AT TOTAL CONTACT)
   3-3. INSULATION RESISTANCE: 100 MEG. OHM MIN
   3-4. WITHSTANDING VOLTAGE: 250V AC FOR 1 MINUTE
   3-5. CONTACT RESISTANCE: 50 MILL. OHM MAX PER PIN INITIAL,
        AFTER CONDITION△R=20 MILL. OHM Max.
   3-6. OPERATION TEMPERATURE: -55° TO +85°
   3-7. MATING FORCE: 1.2N Max./POS. UNMATING FORCE:0.165N Min./POS.
   3-8. DURABILITY: 30 CYCLES
4. PART NO:

BB0059P XX A
└Pin No
10=10Pin
16=16Pin
.....

40	9.80	7.60	9.20	◎
34	8.60	6.40	8.00	◎
30	7.80	5.60	7.20	◎
24	6.60	4.40	6.00	◎
20	5.80	3.60	5.20	◎
16	5.00	2.80	4.40	◎
10	3.80	1.60	3.20	◎
PIN No:	A	B	C	Available

NO.	PART NAME	DESCRIPTION , REMARKS
B	CONTACT TERMINAL	COPPER ALLOY Lead:Au flash 1u" Min over Ni50u"MIN Contact:Au 4u" MIN over Ni 50u" MIN
A	BASE INSULATOE	LCP, BLACK

NO.	PART NAME	DESCRIPTION , REMARKS

GENERAL	TOLERANCE
X. ± 0.30	X.° ± 5°
.X ± 0.20	.X° ± 3°
.XX ± 0.15	.XX° ± 2°

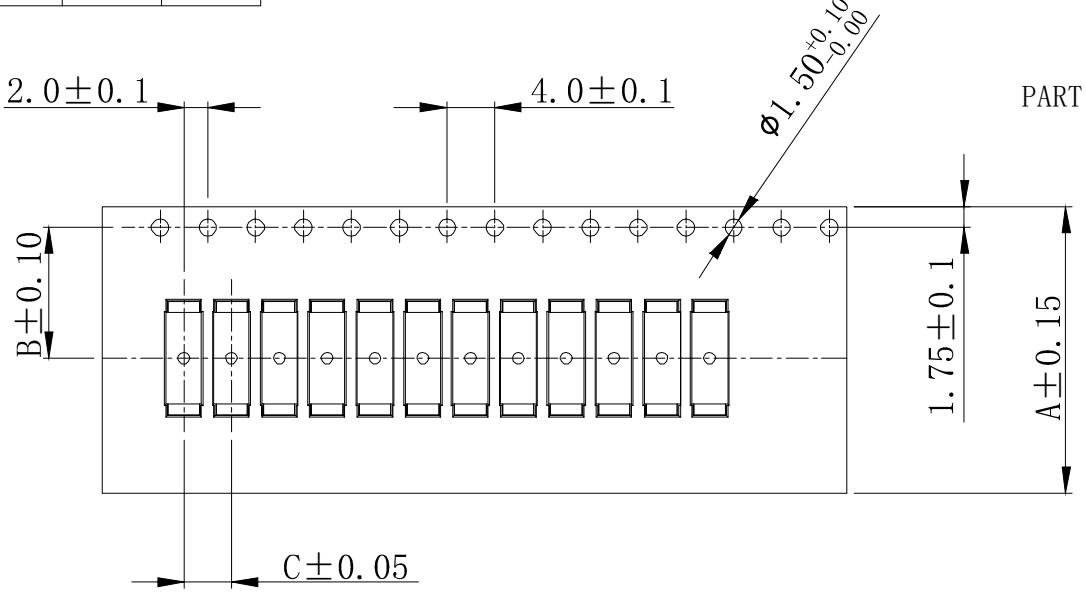
UNITS: mm | SCALE 1 : 1

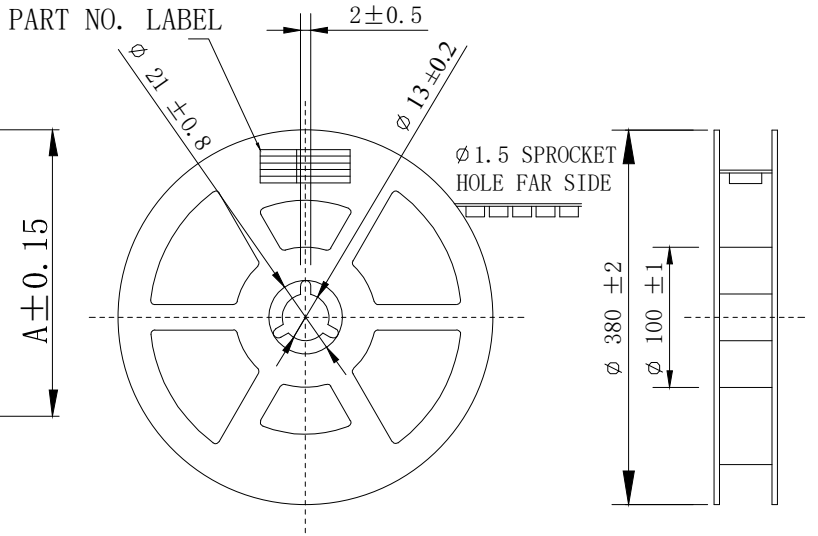
APRROVED	Qiang
CHECKED	Gong
DESIGNED	Leo

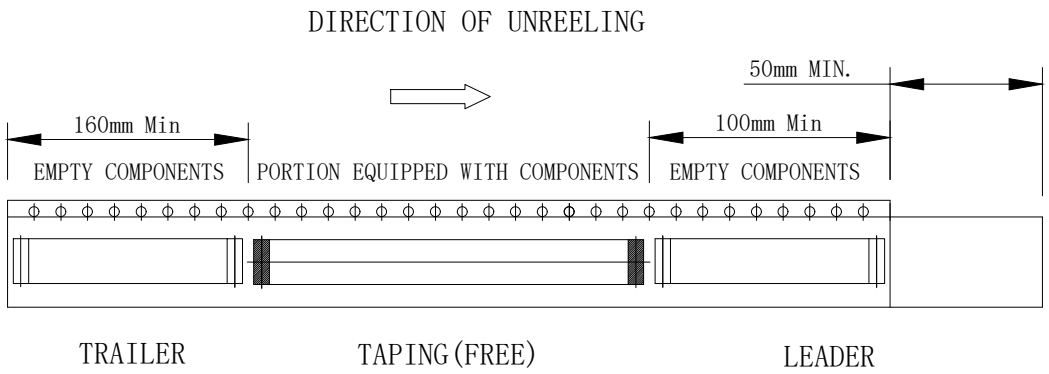
元精技术

TITLE: BTB CONN, PLUG, MH0.8, P0.40mm
DRAWING NO. : C-BB0059P-1 A
PART NO. : SEE TABLE 1/2

Rohs 2.0 Compliant | Pb Lead-free | HF







PIN NO	DIM A	DIM B	DIM C	QTY/REEL	REEL/CARTON	QTY/CARTON	CARTON SIZE
40	84.00	11.50	4.00	15000	11	165000	400*400*335
34	84.00	11.50	4.00	15000	11	165000	400*400*335
30	84.00	11.50	4.00	15000	11	165000	400*400*335
24	16.00	7.50	4.00	15000	15	225000	400*400*335
20	16.00	7.50	4.00	15000	15	225000	400*400*335
16	16.00	7.50	4.00	15000	15	225000	400*400*335
10	16.00	7.50	4.00	15000	15	225000	400*400*335

CPT 元精技术

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

TITLE: BTB CONN, PLUG, MH0.8, P0.4mm
DRAWING NO. : C-BB0059P-1 A
PART NO. : SEE TABLE 2/2