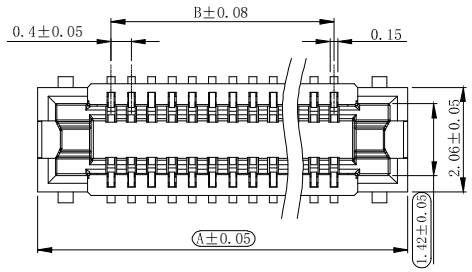
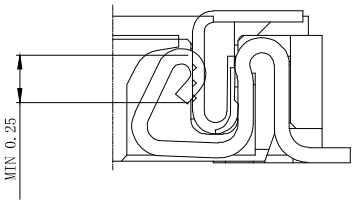
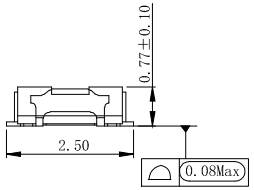
Rohs 2.0 Compliant | Lead-free | HF

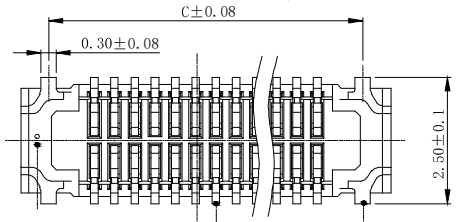
| REV. | ECN NUMBER | DESCRIPTION | DAET | DRAWN | CHECKED | APPROVED |
|---|---|---|---|---|---|---|
| A | / | NEW | 2025.02.27 | Qiang | Gong | Leo |
| | | | | | | |

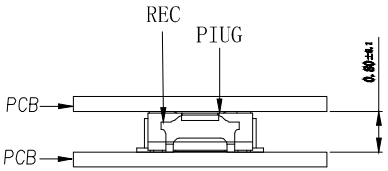


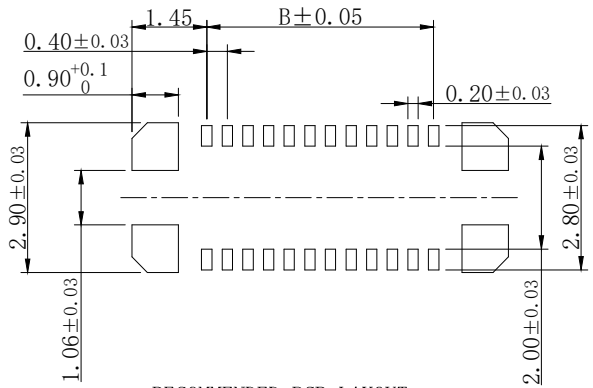

Mating area (SCALE 30:1)




Ⓐ RASE INSULATOR
Ⓒ FITTING TERMINAL
Ⓑ CONTACT TERMINAL
MATING CONDITION




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:

BB0059R XX A
└Pin No
10=10Pin
16=16Pin
.....

| | | | | |
|---|---|---|---|---|
| 40 | 10.50 | 7.60 | 9.40 | ◎ |
| 34 | 9.30 | 6.40 | 8.20 | ◎ |
| 30 | 8.50 | 5.60 | 7.40 | ◎ |
| 24 | 7.30 | 4.40 | 6.20 | ◎ |
| 20 | 6.50 | 3.60 | 5.40 | ◎ |
| 16 | 5.70 | 2.80 | 4.60 | ◎ |
| 10 | 4.50 | 1.60 | 3.40 | ◎ |
| Pos No: | A | B | C | Available |

| NO. | PART NAME | DESCRIPTION , REMARKS |
|---|---|---|
| C | FITTING TERMINAL | COPPER ALLOY Au flash 1u" Min over Ni 50u" MIN |
| B | CONTACT TERMINAL | COPPER ALLOY Lead:Au flash 1u" Min over Ni50u"MIN Contact:Au 1u" 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" |

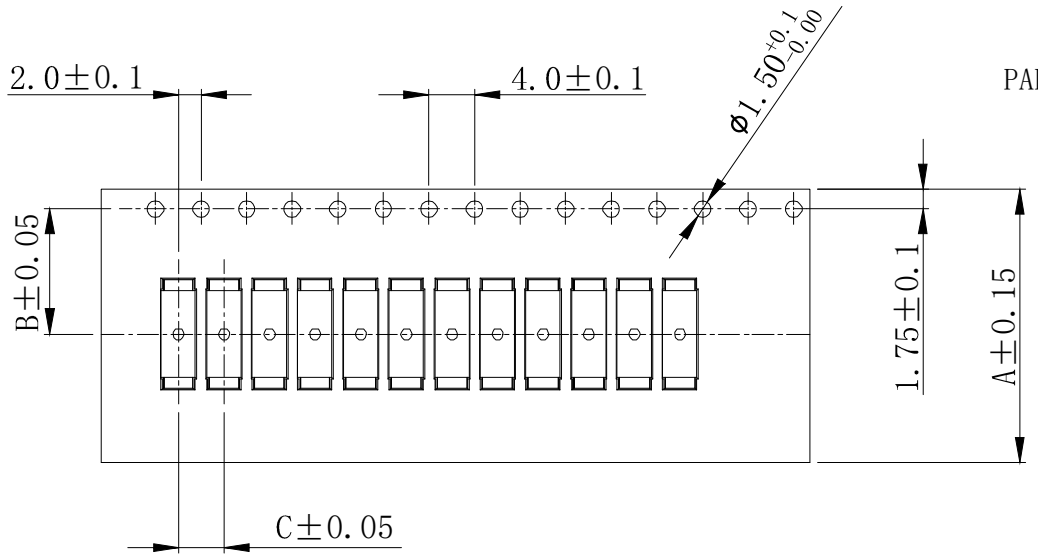
UNITS: mm | SCALE 1 : 1

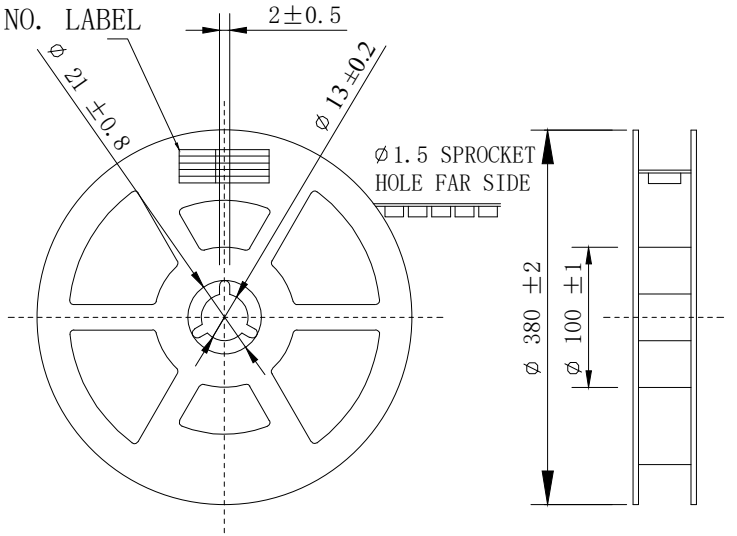
| | |
|---|---|
| APRROVED | Qiang |
| CHECKED | Gong |
| DESIGNED | Leo |

CPT 元精技术

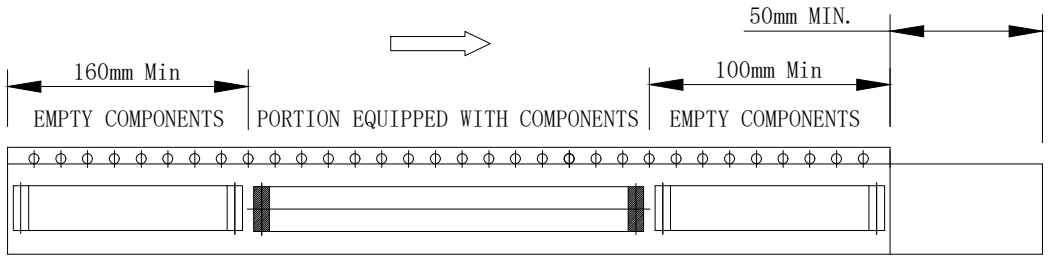
TITLE: BTB CONN, REC, MH0.8, P0.40mm
DRAWING NO. : C-BB0059R-1 A
PART NO. : SEE TABLE 1/2

Rohs 2.0 Compliant | Pb Lead-free | HF




DIRECTION OF UNREELING




TRAILER TAPING(FREE) LEADER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 48 | 24.00 | 11.50 | 4.00 | 1000 | 11 | 165000 | 400*400*335 |
| 34 | 24.00 | 11.50 | 4.00 | 1500 | 11 | 165000 | 400*400*335 |
| 30 | 24.00 | 11.50 | 4.00 | 1500 | 11 | 165000 | 400*400*335 |
| 24 | 16.00 | 7.50 | 4.00 | 1500 | 15 | 225000 | 400*400*335 |
| 20 | 16.00 | 7.50 | 4.00 | 1500 | 15 | 225000 | 400*400*335 |
| 16 | 16.00 | 7.50 | 4.00 | 1500 | 15 | 225000 | 400*400*335 |
| 10 | 16.00 | 7.50 | 4.00 | 1500 | 15 | 225000 | 400*400*335 |
| PIN NO | DIM A | DIM B | DIM C | QTY/REEL | REEL/CARTON | QTY/CARTON | CARTON SIZE |

元精技术

| GENERAL | TOLERANCE | UNITS: mm | SCALE 1 : 1 | TITLE: | BTB CONN, REC, MH0. 8, P0. 4mm | |
|---|---|---|---|---|---|---|
| X. ± 0.30 | X.° ± 5° | APRROVED | LEO | DRAWING NO. : | C-BB0059R-1 | A |
| .X ± 0.20 | .X° ± 3° | CHECKED | Gong | PART NO. : | SEE TABLE | 2/2 |
| .XX ± 0.15 | .XX° ± 2° | DESIGNED | Qiang | | | |