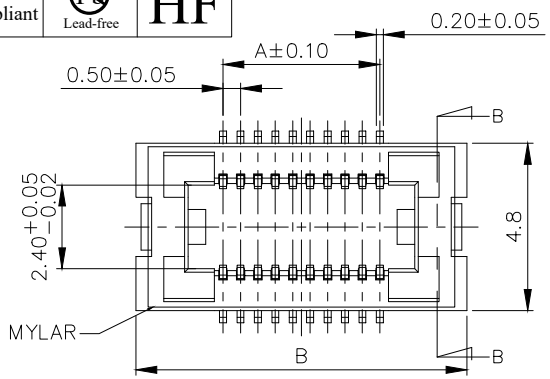
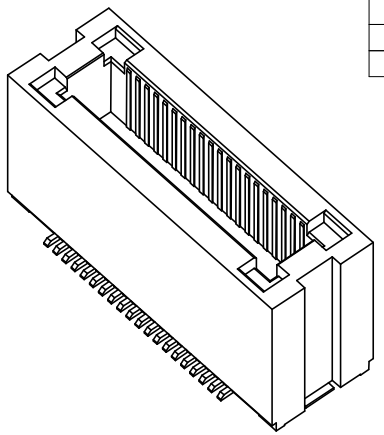
Rohs 2.0 Compliant | Pb Lead-free | HF

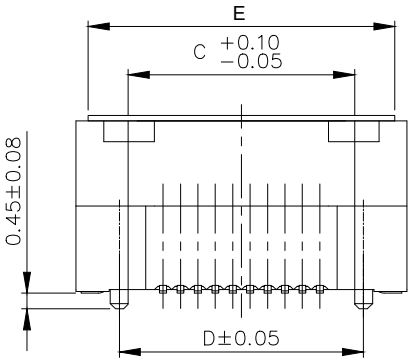
| REV. | ECN NUMBER | DESCRIPTION | DAET | DRAWN | CHECKED | APPROVED |
|---|---|---|---|---|---|---|
| A | / | NEW | 2024.07.06 | QIANG | GONG | LEO |
| | | | | | | |

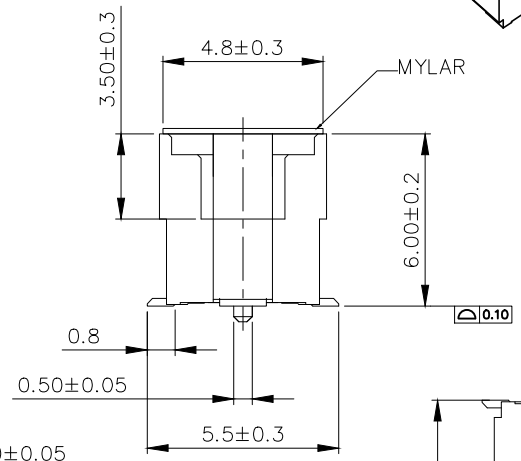


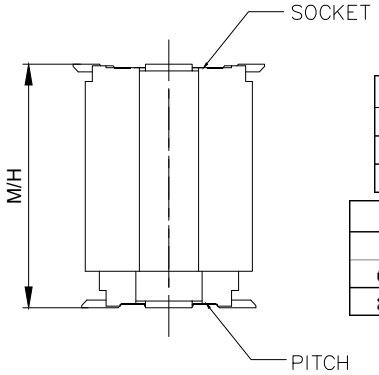
NOTES:
1.INSULATOR:HIGH-TEMP THERMOPLASTIC, UL94V-0
COLOR:BLACK
2.TERMINAL:COPPER ALLOY CONTACT AREA Au 1u" MIN,
SOLDER AREA Au 1u" MIN,
UNDERPLATING:50u"Min NICKEL OVERALL
3.RATED VOLTAGE :50V AC/DC, RATED CURRENT :0.5A AC/DC
4.WITHSTANDING VOLTAGE:200V AC for 1 min
5.CONTACT RESISTANCE:50mΩ MAX
6.INSULATION RESISTANCE:100MΩ MIN
ENVIRONMENTAL:
7. OPERATING TEMPERATURE:-40°C TO +85°C.

BB0141R XX A
Pin No
10=10Pin
20=20Pin
.....



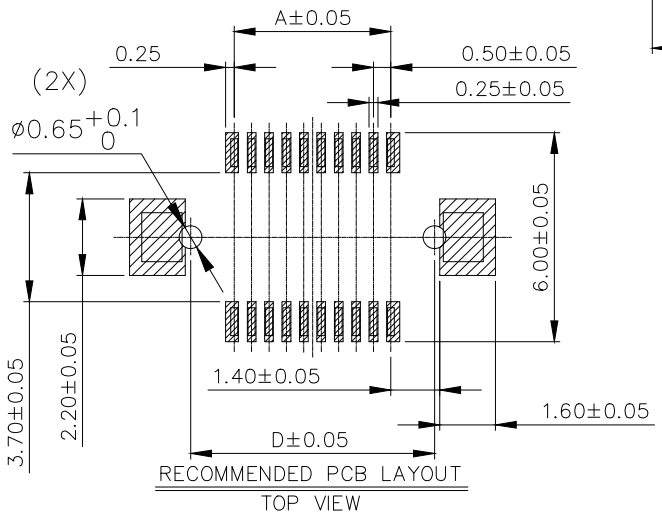




| P/N | | MH (mm) |
|---|---|---|
| SOCKET | Plug | |
| BB0141RXXA | BB0133PXXA | 7.00 |
| | | |




| CAP | OPTION |
|---|---|
| F | PIN NO. |
| 6.0 | 10~18 PIN |
| 8.0 | 20~80 PIN |

| MAYLAR | OPTION |
|---|---|
| E | PIN NO. |
| 6.0 | 10~18 PIN |
| 8.8 | 20~80 PIN |




| PIN NO. | A | B | C | D |
|---|---|---|---|---|
| 10 | 2.0 | 7.0 | 4.0 | 4.5 |
| 12 | 2.5 | 7.5 | 4.5 | 5.0 |
| 14 | 3.0 | 8.0 | 5.0 | 5.5 |
| 16 | 3.5 | 8.5 | 5.5 | 6.0 |
| 18 | 4.0 | 9.0 | 6.0 | 6.5 |
| 20 | 4.5 | 9.5 | 6.5 | 7.0 |
| 22 | 5.0 | 10.0 | 7.0 | 7.5 |
| 24 | 5.5 | 10.5 | 7.5 | 8.0 |
| 26 | 6.0 | 11.0 | 8.0 | 8.5 |
| 28 | 6.5 | 11.5 | 8.5 | 9.0 |
| 30 | 7.0 | 12.0 | 9.0 | 9.5 |
| 32 | 7.5 | 12.5 | 9.5 | 10.0 |
| 34 | 8.0 | 13.0 | 10.0 | 10.5 |
| 36 | 8.5 | 13.5 | 10.5 | 11.0 |
| 38 | 9.0 | 14.0 | 11.0 | 11.5 |
| 40 | 9.5 | 14.5 | 11.5 | 12.0 |
| 42 | 10.0 | 15.0 | 12.0 | 12.5 |
| 44 | 10.5 | 15.5 | 12.5 | 13.0 |
| 46 | 11.0 | 16.0 | 13.0 | 13.5 |
| 48 | 11.5 | 16.5 | 13.5 | 14.0 |
| 50 | 12.0 | 17.0 | 14.0 | 14.5 |
| 52 | 12.5 | 17.5 | 14.5 | 15.0 |
| 54 | 13.0 | 18.0 | 15.0 | 15.5 |
| 56 | 13.5 | 18.5 | 15.5 | 16.0 |
| 58 | 14.0 | 19.0 | 16.0 | 16.5 |
| 60 | 14.5 | 19.5 | 16.5 | 17.0 |
| 62 | 15.0 | 20.0 | 17.0 | 17.5 |
| 64 | 15.5 | 20.5 | 17.5 | 18.0 |
| 66 | 16.0 | 21.0 | 18.0 | 18.5 |
| 68 | 16.5 | 21.5 | 18.5 | 19.0 |
| 70 | 17.0 | 22.0 | 19.0 | 19.5 |
| 80 | 19.5 | 24.5 | 21.5 | 22.0 |

| 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

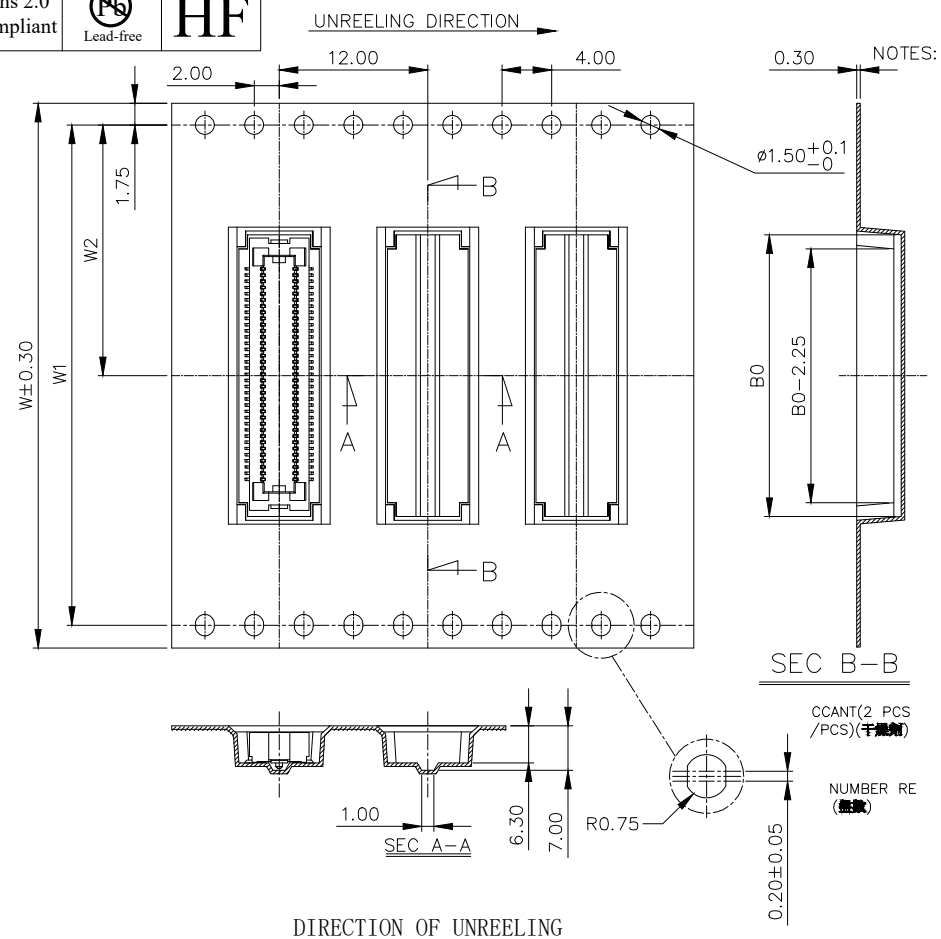
| | |
|---|---|
| APRROVED | LEO |
| CHECKED | GONG |
| DESIGNED | Qiang |

| NO. | PART NAME | DESCRIPTION , REMARKS |
|---|---|---|
| | | |

CPt 元精技术

TITLE: 0.5 BOARD TO BOARD SMT V-T TYPE FEMALE
DRAWING NO. : C-BB0141R-1 A
PART NO. : SEE PART NO 1/1

Rohs 2.0 Compliant | Pb Lead-free | HF




| W | W 1 | W 2 | REEL CARTON |
|---|---|---|---|
| 16 | | 7.50 | 10 |
| 24 | | 11.50 | 8 |
| 32 | 28.40 | 14.20 | 6 |
| 44 | 40.40 | 20.20 | 5 |

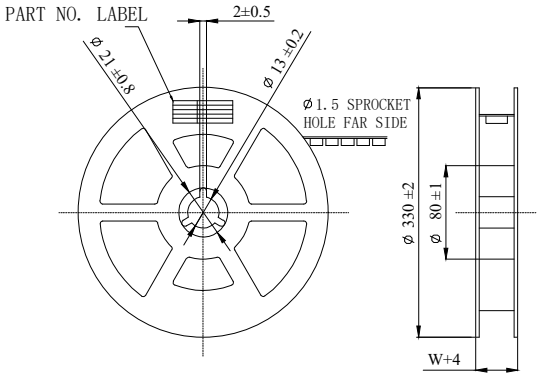
| PIN | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | 016 | | 024 | | 024 | | 024 | | 024 | | 024 | |
| B0 | 7.75 | | 8.75 | | 9.75 | | 10.75 | | 11.75 | | 12.75 | |

| PIN | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 60 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W | 024 | | 024 | | 024 | | 032 | | 032 | | 032 | | 032 | |
| B0 | 13.75 | | 14.75 | | 15.75 | | 16.75 | | 17.75 | | 18.75 | | 19.75 | |

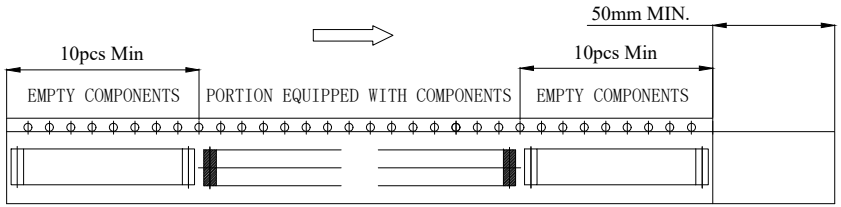
| PIN | 62 | 64 | 66 | 68 | 70 | 72 | 74 | 76 | 78 | 80 |
|---|---|---|---|---|---|---|---|---|---|---|
| W | 044 | | 044 | | 044 | | 044 | | 044 | |
| B0 | 20.75 | | 21.75 | | 22.75 | | 23.75 | | 24.75 | |

STYLE AND DIMENSION OF REEL

PER REEL 800 CONNECTORS




DIRECTION OF UNREELING




TRAILER TAPING(FREE) LEADER

| GENERAL | TOLERANCE | UNITS: mm | SCALE 1 : 1 | TITLE: 0.5 BOARD TO BOARD SMT V-T TYPE FEMALE | |
|---|---|---|---|---|---|
| X. ± 0.30 | X.° ± 5° | APRROVED | LEO | DRAWING NO. : C-BB0141R-1 | A |
| .X ± 0.20 | .X° ± 3° | CHECKED | Gong | PART NO. : SEE PART NO | 2/2 |
| .XX ± 0.15 | .XX° ± 2° | DESIGNED | Qiang | | |

CPT 元精技术