HSF RoHS

SPECIFICATIONS
Rated Current:1.0AMP
Contact Resistance:25mΩ Max
Withstand Voltage:500V
Insulation Resistance:1000MΩ Min
Operation Temperature:−55°c to +125°c

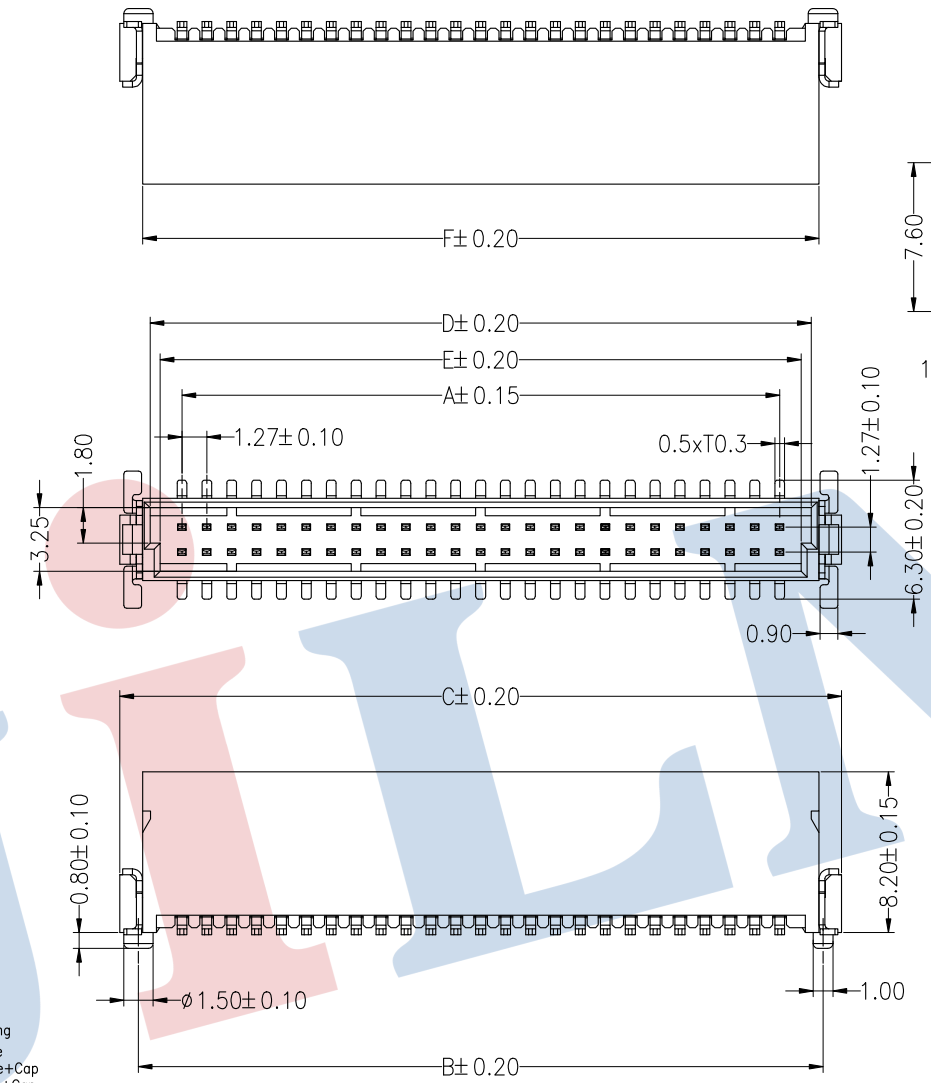
Contact Material:Phosphor Bronze
Contact Plating:Sn and Au over Ni
Tail Material:Phosphor Bronze
Tail Plating: Sn over Ni
Main Body Material: LCP UL94V0
Cover Material:LCP UL94V0
Resistance To Soldering Heat:
260° C±5° C, 10s(LCP insulator)

| PIN | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 100 | 62.23 | 66.65 | 68.55 | 65.45 | 64.45 | 66.23 |
| 90 | 55.88 | 60.30 | 62.20 | 59.10 | 58.10 | 59.88 |
| 80 | 49.53 | 53.95 | 55.85 | 52.75 | 51.75 | 53.53 |
| 70 | 43.18 | 47.60 | 49.50 | 46.40 | 45.40 | 47.18 |
| 60 | 36.83 | 41.25 | 43.15 | 40.05 | 39.05 | 40.83 |
| 50 | 30.48 | 34.90 | 36.80 | 33.70 | 32.70 | 34.48 |
| 40 | 24.13 | 28.55 | 30.45 | 27.35 | 26.35 | 28.13 |
| 30 | 17.78 | 22.20 | 24.10 | 21.00 | 20.00 | 21.78 |
| 26 | 15.24 | 19.66 | 21.56 | 18.46 | 17.46 | 19.24 |
| 20 | 11.43 | 15.85 | 17.75 | 14.65 | 13.65 | 15.43 |
| 16 | 8.89 | 13.31 | 15.24 | 12.11 | 11.11 | 12.89 |
| 10 | 5.08 | 9.50 | 11.40 | 8.30 | 7.30 | 9.08 |

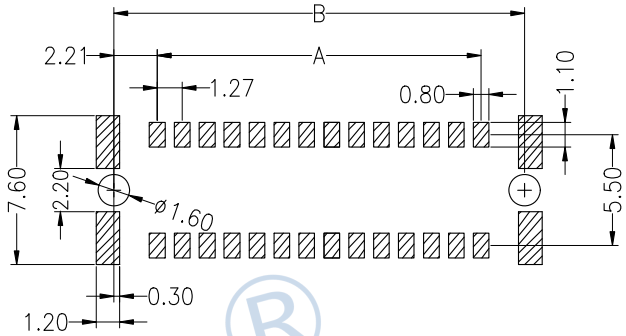
## Ordering Information

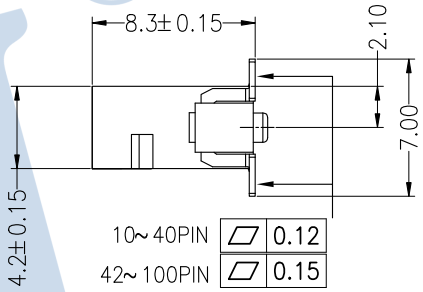
**7100 - M XXX 082 XX F X 0 X**

- M: F=Female, M=Male
- XXX: No.of pins, 010=10Pin, 020=20Pin, ⋮, 100=100Pin
- 082: Plastic Hight 082=8.2mm
- XX: Contact Plating G0:Gold Flash, G1:3U" Gold, G2:5U" Gold, G3:10U" Gold, G4:15U" Gold, S0:Gold Flash/Tin, SM:Matte-Tin/2u"
- F: Insulator Material Option F=BK-LCP
- X: Packing T:Tube, P:Tube+Cap, R:Reel+Cap
- 0: 0




Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)




| REV | DATE | MODIFICATION DESCRIPTION | CHANGE |
|---|---|---|---|
| A | 2020.04.21 | NEW DRAWING | |

| OPERATION | |
|---|---|
| X.X | ±0.30 |
| X.XX | ±0.20 |
| X.XXX | ±0.10 |
| Angle | ±3° |
| DIM | TOL |

| | | |
|---|---|---|
| DRAW | yiyusheng | 20.04.21 |
| CHECK | | |
| APPROVE | | |

| | |
|---|---|
| SCALE | FIT |
| UNIT | mm |
| SIZE | A4 |
| SHEET | 1/1 |
| PROJ. | |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| | |
|---|---|
| PART NO. | 7100-MXXX082XXFX0X |
| TITLE: | 1.27mm E-type connector NPin H8.2 Male |