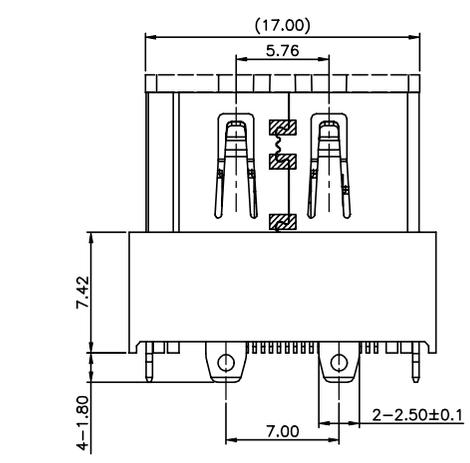
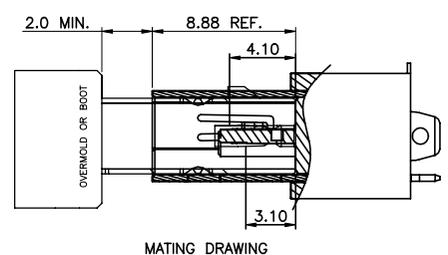
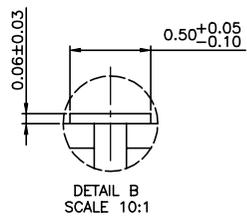
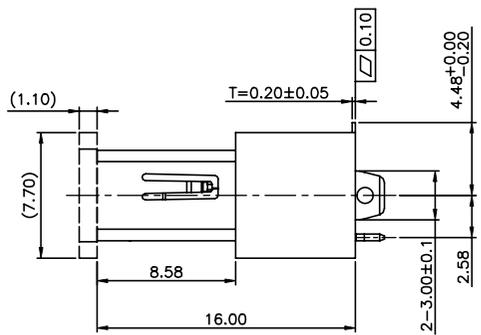
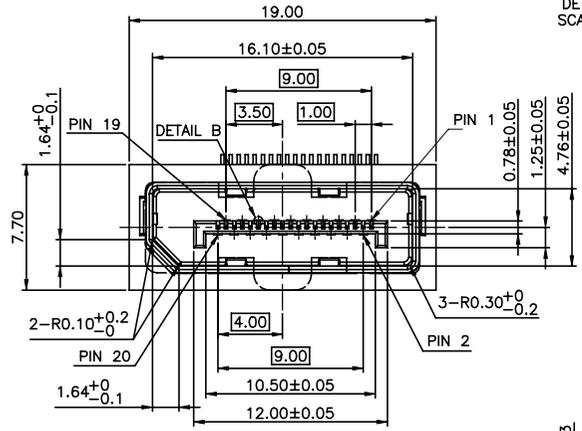
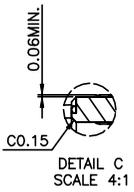
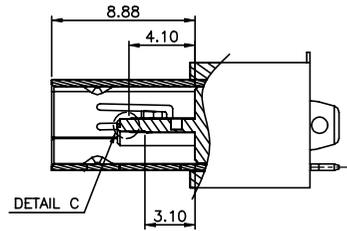
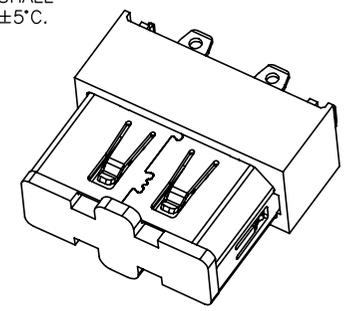


RECOMMENDED PCB LAYOUT (FRONT VIEW)  
(DEFAULT DIMENSION TOL=±0.05mm)  
(THICKNESS=1.2±0.10mm)



NOTE:

1. MATERIAL:
  - 1-1 HOUSING: LCP E130I, UL94V-0, COLOR: BLACK
  - 1-2 CONTACT: COPPER ALLOY C2680-H, T=0.20±0.01mm
  - 1-3 SHELL: STEEL ALLOY SUS304-1/2H, T=0.40±0.01mm
  - 1-4 HOLD: LCP E130I,, UL94V-0, COLOR: BLACK
  - 1-5 CAP: LCP E130I,, UL94V-0, COLOR: BLACK
2. PLATING:
  - 2-1 TERMINAL: GOLD PLATED(SEE TABLE) ON CONTACT AREA AND 100U" MIN. MATTE-TIN ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED 50U" MIN. NICKEL.
  - 2-2 SHELL: 50U" MIN. NICKEL PLATED.
3. ELECTRICAL PERFORMANCE:
  - 3-1 CONTACT RESISTANCE: INITIAL CONTACT RESISTANCE EXCLUDING CONDUCTOR RESISTANCE: 10 MILLIOHMS MAX.
  - 3-2 DIELECTRIC STRENGTH: UNMATED CONNECTORS APPLY 500V AC MATED CONNECTOR APPLY 300V AC
  - 3-3 INSULATION RESISTANCE: 100 MEGAOHMS MIN. (UNMATED) 10 MEGAOHMS MIN. (MATED)
4. RATING CURRENT (AMP): 0.5A PER CONTACT MINIMUM.
5. RATING VOLTAGE (V): 40V AC (RMS).
6. OPERATING TEMPERATURE: -25~85°C
7. IR COMPLIANT. THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260±5°C.
8. MATING FORCER: 4.5KGF.
9. UNMATING FORCER: 1.0~4.0KGF.
10. DURABILITY: 10,000 CYCLE.



|          |      |                 |
|----------|------|-----------------|
| RoHS2+HF | 30u" | 22-D1290-6A03-0 |
|          | 15u" | 22-D1290-5A03-0 |
|          | 10u" | 22-D1290-3A03-0 |
|          | 5u"  | 22-D1290-2A03-0 |
|          | G/F  | 22-D1290-1A03-0 |

|         |                     |             |
|---------|---------------------|-------------|
| GP TYPE | MIN. GOLD THICKNESS | PART NUMBER |
|---------|---------------------|-------------|

|      |                |         |         |      |       |          |
|------|----------------|---------|---------|------|-------|----------|
| REV. | DESCRIPTION    | ECN NO. | DWN.    | CHK. | APVD. | DATE     |
| A    | FIRST RELEASED | --      | Xueosng |      |       | 08-04'21 |

|                                       |
|---------------------------------------|
| TOLERANCES UNLESS OTHERWISE SPECIFIED |
| X. ±0.50                              |
| X.X ±0.30                             |
| X.XX ±0.20                            |
| X.XXX ±0.15                           |
| ANGLE ±3°                             |
| MATERIAL SEE NOTE                     |
| FINISH SEE NOTE                       |

|               |   |            |        |      |
|---------------|---|------------|--------|------|
| TITLE         | Display Port 20P<br>H=16.00mm REC, V/T SMT TYPE |            | UNIT   | mm   |
| ORIGINAL DATA | 08-04'21  |            |        |      |
| DWN.          | Xueosng   |            |        |      |
| CHK.          | SEE TABLE                                       | SCALE      | SIZE   | REV. |
| APVD.         | C-22-D129X                                      | 1:1        | A3     | A    |
|               |   | DWG. NO.   | SHEET  |      |
|               |   | C-22-D129X | 1 of 2 |      |

