

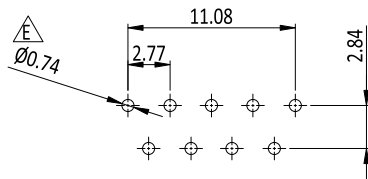
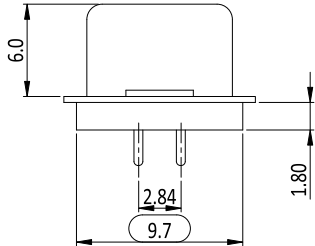
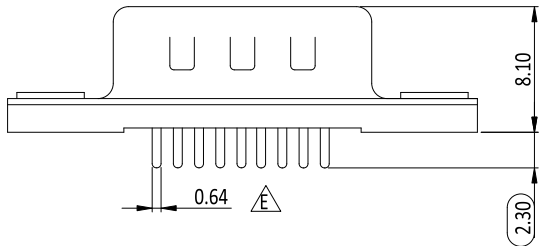
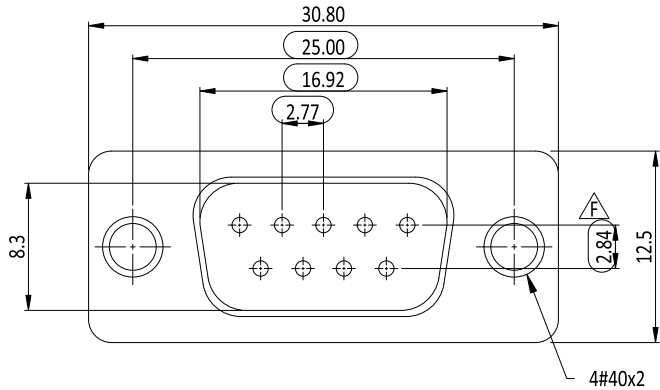
RoHS  
compliant



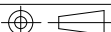
SPECIFICATION  
MATERIAL AND FINISH:  
1. INSULATOR: THERMAL PLASTIC UL94V-0, BLACK  
2. CONTACTS: COPPER ALLOY  
    PLATING: UNDERPLATE: 50u" NI  
            CONTACT AREA: 1"~30u" AU  
            SOLDER TAILS AREA: 100u" SN  
3. SHELL: STEEL, SN OR NI PLATED  
4. RIVET, BOARDLOCK: COPPER ALLOY

ELECTRICAL CHARACTERISTIC:  
1. OPERATION VOLTAGE: 250 VAC MAX.  
2. CURRENT RATING: 2.5 A  
3. CONTACT RESISTANCE: 15 mΩ MAX.  
4. INSULATION RESISTANCE: 3000 MΩ MIN. @ 500 VDC  
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC / MINUTE

ENVIRONMENT:  
1. OPERATING TEMPERATURE RANGE: -55°C TO +105°C



RECOMMENDED PCB LAYOUT (TOP VIEW)  
TOLERANCES: ±0.05mm

|                                                                                       |             |                                                                                           |                                                                                                                       |               |           |
|---------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| 2                                                                                     |             |                                                                                           |                                                                                                                       |               |           |
| 1                                                                                     | 50245010010 | 219AE09AGPDAA3                                                                            | GOLD FLASH                                                                                                            | SN            |           |
| ITEM                                                                                  | NEW P/N     | OLD P/N                                                                                   | CONTACT PLATING                                                                                                       | SHELL PLATING |           |
| UNLESS OTHERWISE SPECIFIED TOLERANCE                                                  |             |  SIP | <br><b>CHANT SINCERE CO.,LTD</b> |               |           |
| ANG. ±5°                                                                              |             |  Cmk |                                                                                                                       |               |           |
| 0. ±0.50                                                                              |             | Cpk                                                                                       |                                                                                                                       |               |           |
| .0 ±0.30                                                                              |             |                                                                                           |                                                                                                                       |               |           |
| .00 ±0.20                                                                             |             |                                                                                           |                                                                                                                       |               |           |
| SCALE: AS SHOWN                                                                       |             | UNIT: mm                                                                                  |                                                                                                                       |               |           |
| DRAWN: XINGRU_LAI                                                                     |             | 30 Apr 2024                                                                               | TITLE:                                                                                                                |               |           |
| CHECKED: PEARL_HUNG                                                                   |             | 02 May 2024                                                                               | D-SUB PCB STRAIGHT                                                                                                    |               |           |
| APPROVED: PEARL_HUNG                                                                  |             | 02 May 2024                                                                               | PART NO.                                                                                                              | 50245010010   |           |
|  | SIZE A4     | SHEET 1/1                                                                                 | REV. G                                                                                                                | CODE: GC      | CUSTOMER: |
| 7                                                                                     |             | 8                                                                                         |                                                                                                                       | 9             |           |
|                                                                                       |             |                                                                                           |                                                                                                                       | 10            |           |

|      |          |                                  |           |
|------|----------|----------------------------------|-----------|
|      | G        | ECN-2404083(JOLIN)NEW P/N        | 23APR2024 |
|      | F        | ECN-2210022(LITING)ADD DIMENSION | 17OCT2022 |
|      | E        | ECN-1410019(RITA)                | 15OCT2014 |
| ZONE | REVISION | DESCRIPTION                      | DATE      |