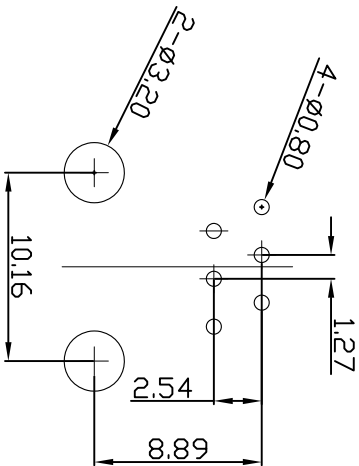
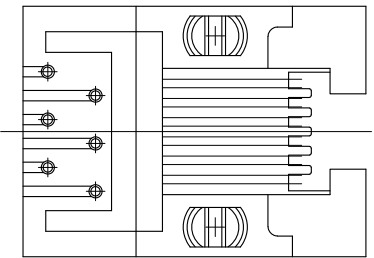
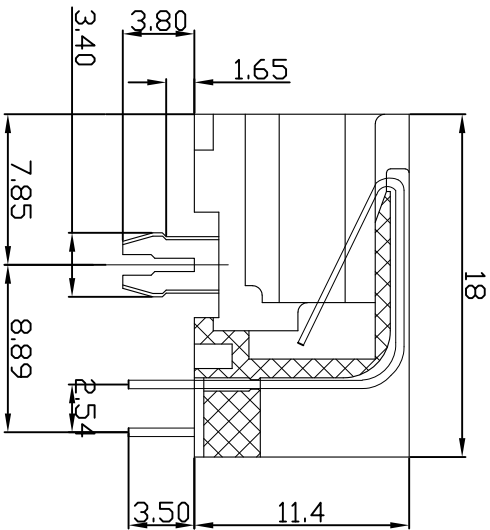
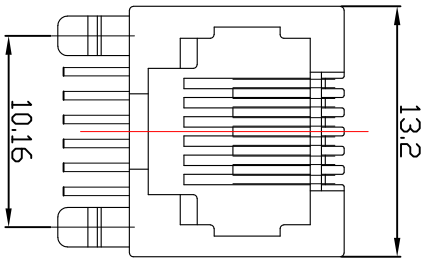




PC BOARD LAYOUT

|      |         |      |          |            |      |                 |                                                                                                               |        |                                                                                                                                 |  |
|------|---------|------|----------|------------|------|-----------------|---------------------------------------------------------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------|--|
|      |         |      |          | Designer   | ZWX  | Tolerances (mm) | <br>THIRD ANGLE PROJECTION |        | <br>DONG GUAN SHI QIAN YI ELECTRONIC CO.,LTD |  |
|      |         |      |          | Auditor    | ZL   | 0.0 ±0.25       |                                                                                                               |        |                                                                                                                                 |  |
|      |         |      |          | Authorizer | ZL   | 0.00 ±0.20      |                                                                                                               |        |                                                                                                                                 |  |
|      |         |      |          | SCALE      | 1:1  | 0.000 ±0.1      |                                                                                                               |        |                                                                                                                                 |  |
| DATE | ECN NO. | SPEC | DESIGNER | AUDITOR    | SIZE | A4              | Angles ±1°                                                                                                    | PO NO. | 53A6611F0011                                                                                                                    |  |

NOTES

MECHANICAL:

1. HOUSING MATERIAL: PBT BLACK UL94V-0

2. CONTACT MATERIAL: PHOSPHOR BRONZE  $\phi 0.46\text{mm}$ .

3. PLATING: GOLD PLATING AT CONTACT AREA, NICKEL 30u" MIN. OVER ALL.

4. OPERATING LIFE:750 CYCLES MIN.

5. MATING/UNMATING FORCE: 30N/3.06Kgf MAX

6. RETENTION STRENGTH:50N MIN. FOR 60S±5S

ELECTRICAL:

- VOLTAGE RATING: 125 VAC RMS.
- CURRENT RATING: 1.5 AMP.
- CONTACT RESISTANCE : 30m $\Omega$  MAX.
- INSULATION RESISTANCE: 1000M $\Omega$  MIN. AT 500V DC .
- DIELECTRIC STRENGTH:1000V AC OR 1500V DC RMS AT 0.5mA 50Hz/60Hz FOR 1MINUTE.

ENVIRONMENTAL:

- STORAGE: -40℃ TO +85℃ RELATIVE HUMIDITY<80%.
- OPERATION: -40℃ TO +85℃.

53A 66 11 F 0 0 1 1

Window procedure

11:1\*1 14:1\*4

12:1\*2 16:1\*6

13:1\*3 18:1\*8

Shield

C:Shield w/ Emi

D:Shield w/o Emi

F:Unshield w/ Led

G:Unshield w/o Led

Materials

1:PBT 2:PA46 3:PA66

4:LCP 5:PA9T 6:ABS

Gold plating

1:Fu 3:3u 5:15u 7:50u

2:1u 4:6u 6:30u

Led style

0:No led 4:R/G

1:Y/G 5:G/O

2:G/Y 6:O/G

3:G/G 7:Y/YG

PCB/TAB

0:W/O PCB

1:W/ PCB