

| REVISIONS |         |          |             | DATE            |  | DESIGN     |  |
|-----------|---------|----------|-------------|-----------------|--|------------|--|
| REV.      | ECN NO. | LOCATION | DESCRIPTION | INITIAL RELEASE |  | 2014.12.10 |  |
| X1        | N/A     |          |             |                 |  |            |  |

SPECIFICATION NOTES:

ELECTRICAL:

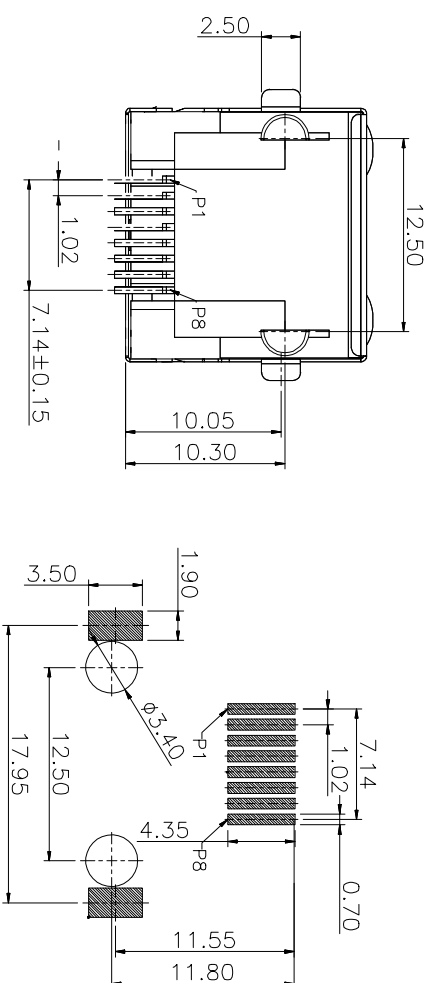
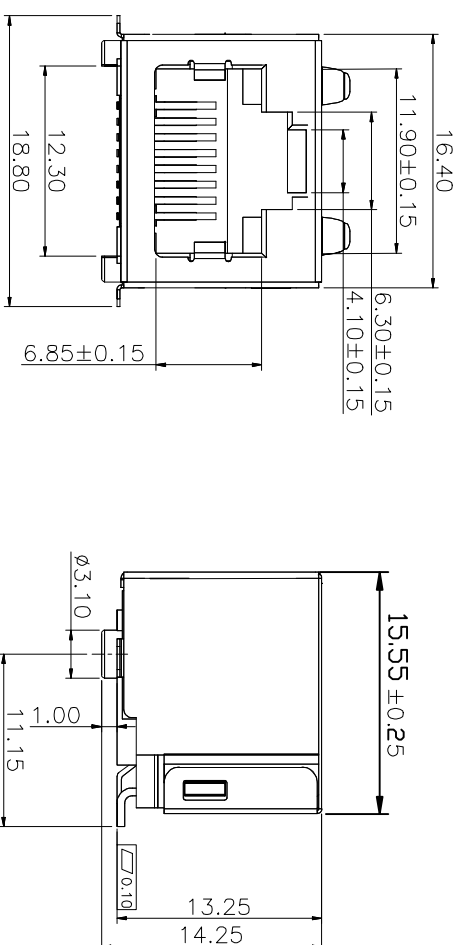
- 1.VOLTAGE RATING: 125 VAC RMS
- 2.CURRENT RATING: 1.5 AMP
- 3.CONTACT RESISTANCE: 20mΩ MAX.
- 4.INSULATION RESISTANCE: 1000MΩ MIN. AT500V DC.
- 5.DIELECTRIC STRENGTH: 1000 V AC OR 1500V DC RMS AT 0.5mA 50 Hz / 60 Hz FOR 1MINUTE

MECHANICAL:

- 1.HOUSING:ICP BLACK, UL 94V-0
- 2.CONTACT:PHOSPHOR BRONZE T=0.30MM
- 3.PLATING:GOLD PLATING AT CONTACT AREA, MATTE TIN AT TAIL 100U MIN., NICKEL 30U MIN. OVER ALL.
- 4.SHELL:BRASS T=0.20
- 5.OPERATING LIFE:750 CYCLES MIN.
- 6.MATING/UNMATING FORCE: 30N/3.06Kgf MAX.
- 7.RETENTION STRENGTH:50N OR 30N MIN.FOR 60S±5S

ENVIRONMENTAL:

- 1.STORAGE: -40°C TO +85°C RELATIVE HUMIDITY<80%
- 2.GUARANTEED PERIOD:12 MONTHS
- 3.OPERATION: -40°C TO +85°C
- 4.MANUAL SOLDERING PARAMETERS:24H IR TEMPERATURE: 260±5°C 5~10 SECONDS.



RECOMMENDED PCB LAYOUT

PTOLERANCE=±0.05

深圳市连欣科技有限公司

| MEASURE POINT:                         |  | (XX)            | (YY) | (ZZ)     | (TT) | (BB)       |
|----------------------------------------|--|-----------------|------|----------|------|------------|
| QUADRANT POINT                         |  |                 |      |          |      |            |
| TANGENCY POINT                         |  |                 |      |          |      |            |
| INTERSECTION POINT                     |  |                 |      |          |      |            |
| UNLESS OTHERWISE SPECIFIED, TOLERANCE: |  |                 |      |          |      |            |
| X                                      |  | ±0.25           |      |          |      |            |
| X.X                                    |  | ±0.20           |      |          |      |            |
| X.XX                                   |  | ±0.15           |      |          |      |            |
| X.XXX                                  |  | ±0.08           |      |          |      |            |
| ANGLES                                 |  | ±1°             |      |          |      |            |
| PART NO.                               |  | XDRJ-1611-5215  |      | REV: X1  |      | SCALE:     |
| APPROVED                               |  | DATE            |      | REV: X1  |      | SCALE:     |
| DESIGN                                 |  | DATE 28/01'2014 |      | REV: X1  |      | SCALE:     |
| CHECKED                                |  | DATE            |      | REV: X1  |      | SCALE:     |
|                                        |  |                 |      | SIZE: A4 |      | SHEET: 1/1 |
|                                        |  |                 |      | UNIT: mm |      |            |