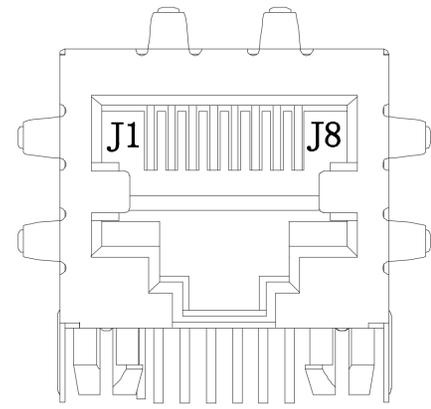
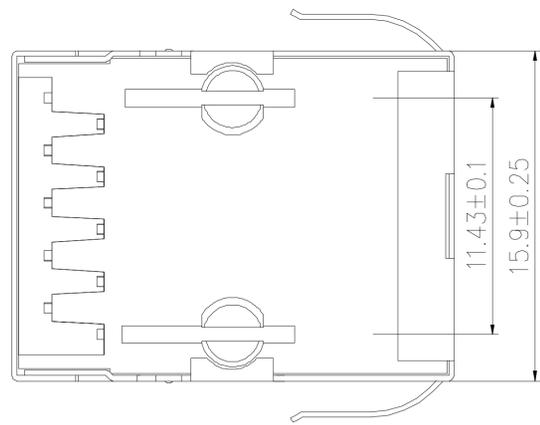
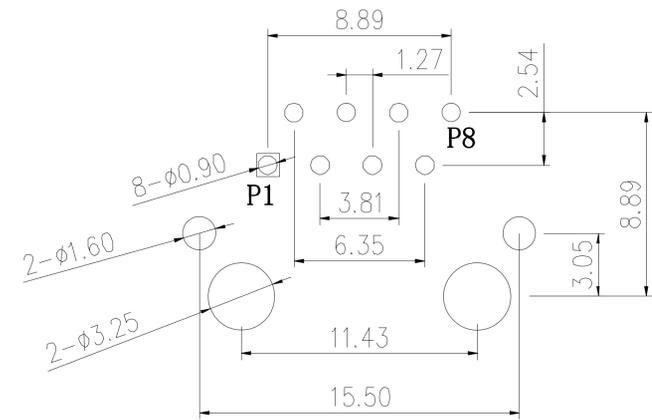
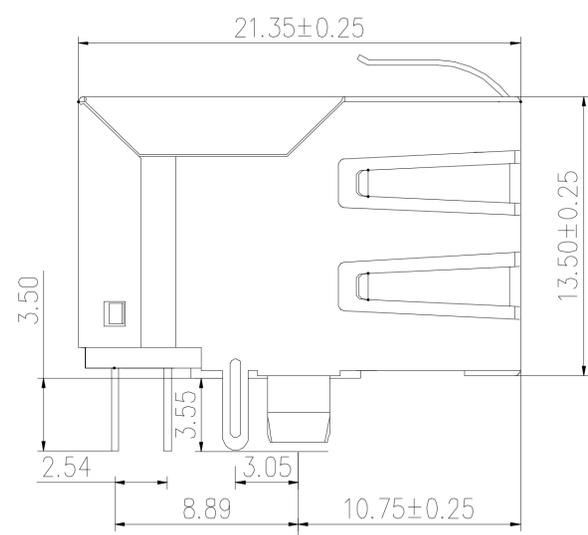


RoHS



- 1.1. Connector Material:
  - Housing: Thermoplastic UL94 V-0
  - Contact/Shield: Cooper alloy
  - Shield Plating: Nickel
  - Contact Plating: Selective gold 6U" Min
- 1.2. Tolerances comply with F.C.C dimension requirements
- 1.3. Durability: 800 Mating Min



PCB RECOMMENDED HOLE LAYOUT SEEN FROM COMPONENT SIDE

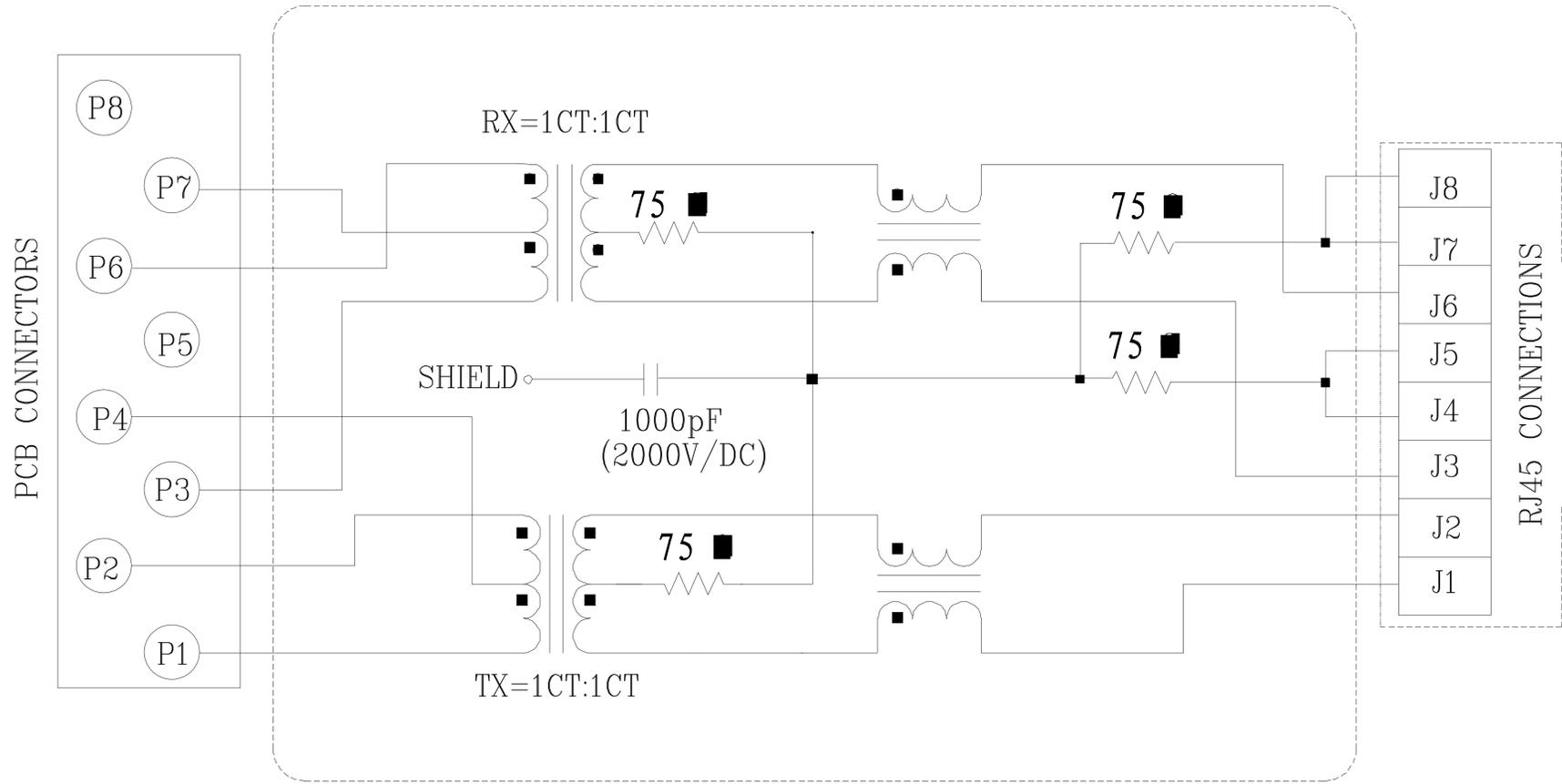
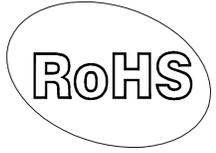
**Bothhand USA**  
 www.bothhandUSA.com sales@bothhandusa.com

| GENERAL TOLERANCE |           |
|-------------------|-----------|
| X°±3.0°           | X±0.50    |
| .X°±2.0°          | .X±0.38   |
| .XX°±1.0°         | .XX±0.25  |
| .XXX°±0.5°        | .XXX±0.15 |

|          |            |
|----------|------------|
| DRAWING  | MU DU      |
| CHECKED  | PAUL WANG  |
| APPROVED | PAUL WANG  |
| DATE     | 2012/12/18 |

|  |
|--|
| RJ45 CONNECTOR, 1*1, 10/100Base, W/D LED, 6U |
| <b>SRTL8019AS-LF</b>                         |

| UNIT     | SHEET  | REV |
|----------|--------|-----|
| mm[inch] | 1 of 2 | 01  |



- 2. Electrical Specifications:@25°c
- 2.1. Isolation Voltage: 1500V/AC(Input to Output)
- 2.2. OCL: 350uH Minimum @100KHz 100mV 8mA DC
- 2.3. Insertion Loss:-1.2dB Maxmum @100KHz-100MHz
- 2.4. Return Loss: -18dB Minimum @1MHz-30MHz

-14dB Minimum @30MHz-60MHz  
 -12dB Minimum @60MHz-80MHz

- 2.5. Common Mode Rejection: -30dB Minimum @1MHz-100MHz
- 2.6. Cross Talk: -30dB Minimum @1MHz-100MHz

- 3. Operating and Storage Temperature:
- 3.1. Operationg Temperature:-40°c to 85°c
- 3.2. Storage Temperature:-40°c to 85°c

4. Schematic:

**Bothhand USA**  
 www.bothhandUSA.com sales@bothhandusa.com

| GENERAL TOLERANCE |           |
|-------------------|-----------|
| X°±3.0°           | X±0.50    |
| .X°±2.0°          | .X±0.38   |
| .XX°±1.0°         | .XX±0.25  |
| .XXX°±0.5°        | .XXX±0.15 |

|          |            |
|----------|------------|
| DRAWING  | MU DU      |
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|--|
| RJ45 CONNECTOR, 1*1, 10/100Base, W/D LED, 6U |
| <b>SRTL8019AS-LF</b>                         |

| UNIT     | SHEET  | REV |
|----------|--------|-----|
| mm[inch] | 2 of 2 | 01  |