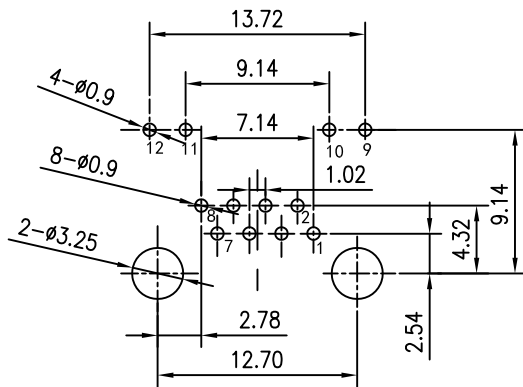
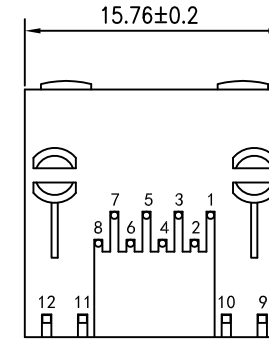
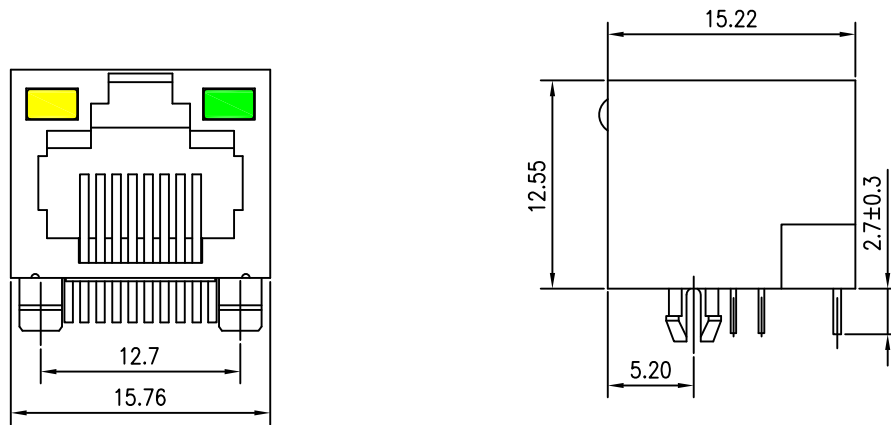


# Mechanical:

| REV. | ECN NO. | DESCRIPTION | DATE       | APPD |
|------|---------|-------------|------------|------|
| A    | REL     |             | 2015-05-23 |      |



SUGGESTED PCB LAYOUT  
(TOP VIEW)

## NOTES:

### Electrical:

- 1. Voltage rating : 125 VAC RMS
- 2. Current Rating : 1.5 AMP
- 3. Contact resistance : 50 mΩ Max
- 4. Insulation resistance : 500 MΩ Min @500V DC
- 5. Dielectric strength : 1000 VAC RMS 60Hz, 1MIN.

### MECHANICAL:

- 1. Housing & Insert Material : PBT UL94V-0.
- 2. Contact Material : Diameter 0.46mm Phosphor Bronze  
Gold Plating Over Nickel.

- 3. Operating Life : 750 Cycles Min.

### ENVIRONMENTAL:

- 1. Storage : -40°C ~ +85°C
- 2. Operation : -40°C ~ +85°C.
- 3. Wave solder temperature : 265°C 5 Sec MAX
- 4. UL Certification : File Number E321120.



|        |            |            |                           |
|--------|------------|------------|---------------------------|
| X:X    | ±0.25      | APPD:      | <b>Trxcom</b>             |
| X:XX   | ±0.20      | CHKD:      |                           |
| X:XXX  | ±0.05      | DR: GRANT  | TITLE: RJ45 1*1 Connector |
| ANGLES | ±1°        | UNIT: mm   | PART NO.: TRJE101NGNL     |
|        | SCALE: 2/1 | SHEET: 1/1 | REV: A                    |
|        |            |            | DWG NO.: TRC15052301      |