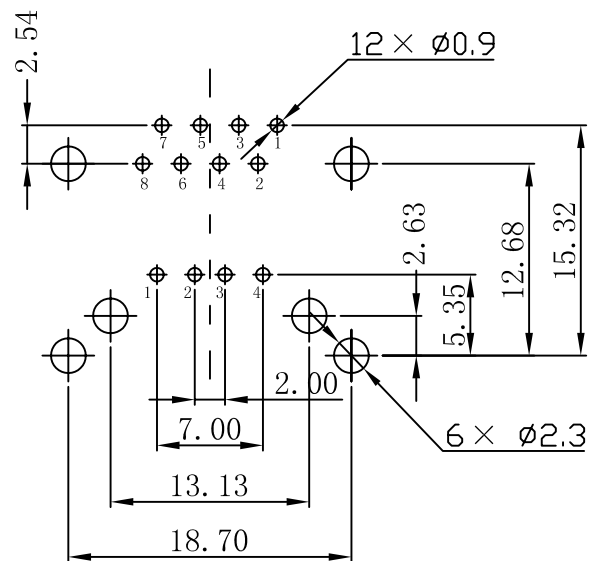
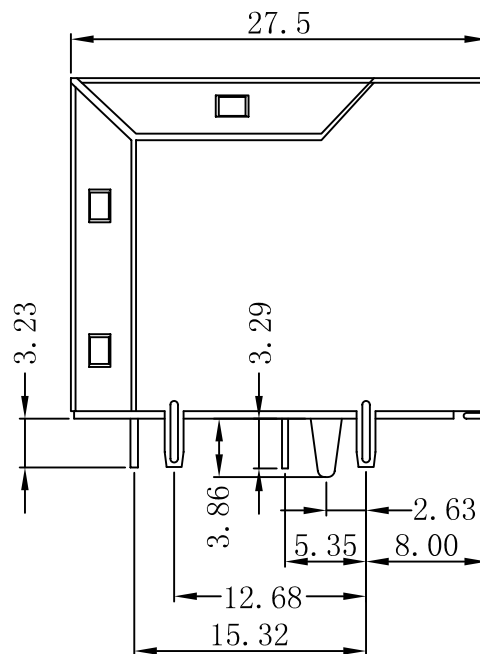
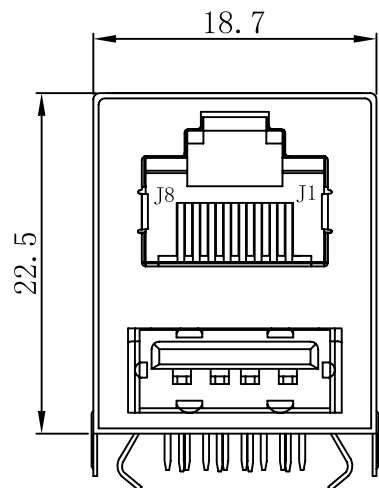


# Mechanical:



SUGGESTED PCB LAYOUT(TOP VIEW)



| REV. | ECN NO. | DESCRIPTION | DATE       | APPD |
|------|---------|-------------|------------|------|
| A    | REL     |             | 2013/09/05 |      |

## NOTES:Electrical:

- 1.Voltage:125VAC RMS.
- 2.Current Rating:1.5A.
- 3.Contact Resistance:30 Millohms max.
- 4.Insulation Resistance:500 Megohms Min @500VDC.
- 5.Dielectric Strength:1000VAC RMS 50Hz 1Min.
- 6.RJ-45 Contact plating: Gold 6 micro-inches min.

In contact area

USB Contact plating: Gold flash

- 7.Gold Plating: (Gold Flash;1.5;3;6;15;30;50)U" Inch
- 8.Wave solder temperture: 230℃ to 250℃, 5~10 Sec.
- 9.UL Certification: File Number E321120.

## MECHANICAL:

- 1.Housing Material:Glass Filled Polyester UL94V-0.
- 2.Contact Material:Phosphor Bronze  $\varnothing$  0.45mm.
- 3.Plating:Gold Plating Over Nickel.
- 4.Operating:750 Cycles Min.
- 5.Shield 0.23mm Thickness Copper Alloy With Nickel Plated.

- 6.PCB Retention Pre-Solder:1 LB Min.

## Environmental:

- 1.Temperature Range:-45℃~+85℃.
- 2.Relative Humidity:90~95%(40±2℃)

|        |            |            |                                     |                      |
|--------|------------|------------|-------------------------------------|----------------------|
| X:X    | ±0.25      | APPD:      | Trxcom                              |                      |
| X:XX   | ±0.20      | CHKD:      | ShenZhen Trxcom Electronics Co.,ltd |                      |
| X:XXX  | ±0.05      | DR: C.H.Y  | TITLE: RJ45/Single USB Jack         |                      |
| ANGLES | ±1°        | UNIT: mm   | PART NO.: TRJE305DNL                |                      |
|        | SCALE: 2/1 | SHEET: 1/1 | REV: A                              | DWG NO.: TRC13090506 |