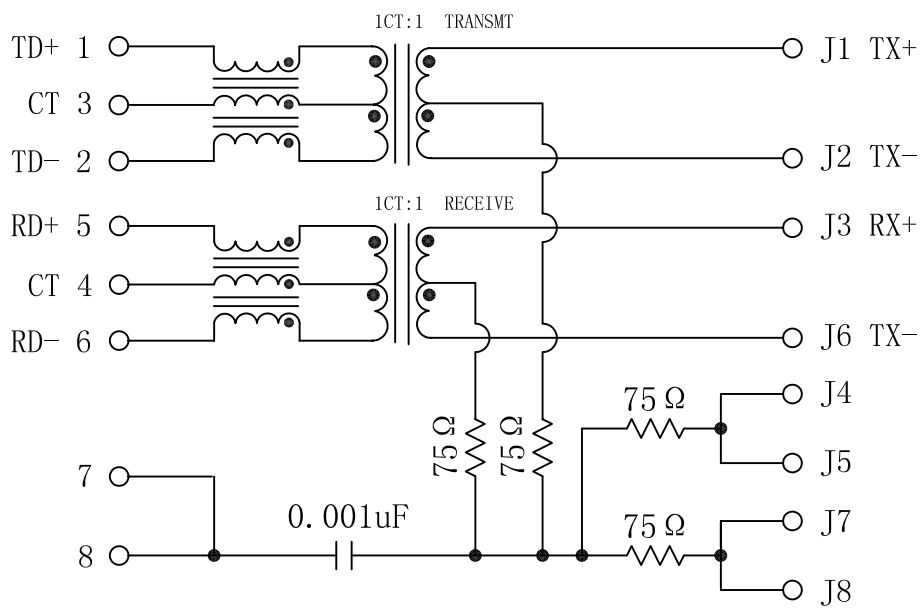


Schematic:

| REV. | ECN NO. | DESCRIPTION | DATE       | APPD |
|------|---------|-------------|------------|------|
| A    | REL     |             | 2011/06/28 |      |

PCB SIDE TO PHY



CABLE



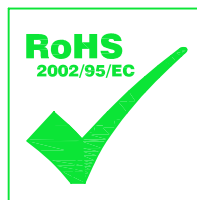
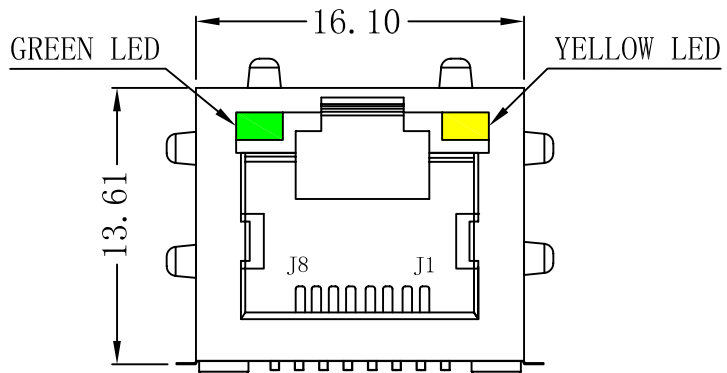
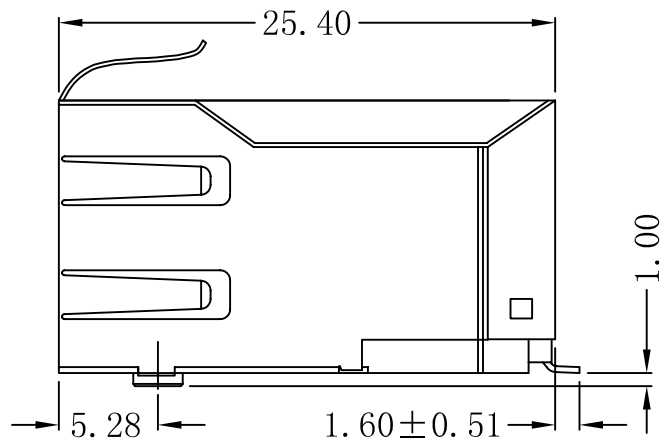
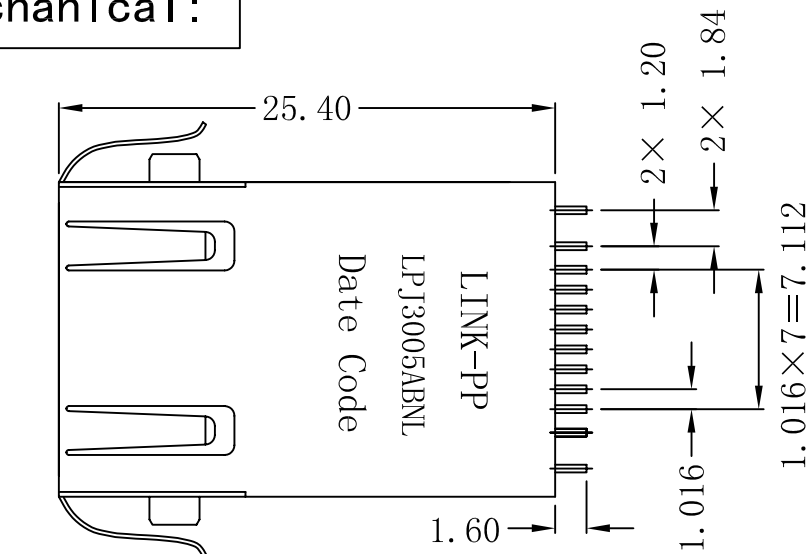
Electrical Specifications @25°C

- 1. Turns Ratio ( $\pm 2\%$ ) :  
TX=1CT:1CT      RX=1CT:1CT
- 2. OCL: 350uH Min  
@100KHz, 0.1Vrms, 8mA
- 3. Insertion Loss:  
1-65MHz:-1.0dB Max
- 4. Return Loss(dB Min @100  $\Omega \pm 15 \Omega$ ) :  
1-10MHz:-20      30MHz:-16  
60-80MHz:-12
- 5. Crosstalk(dB Min) :  
1-10MHz:-40      30-60MHz:-35  
60-100MHz:-30
- 6. Common Mode Rejection(dB Min):  
1-50MHz:-30      50-130MHz:-20
- 7. Isolation Voltage: 1500Vrms Min
- 8. Operating Temperature: -40°C ~ +85°C.

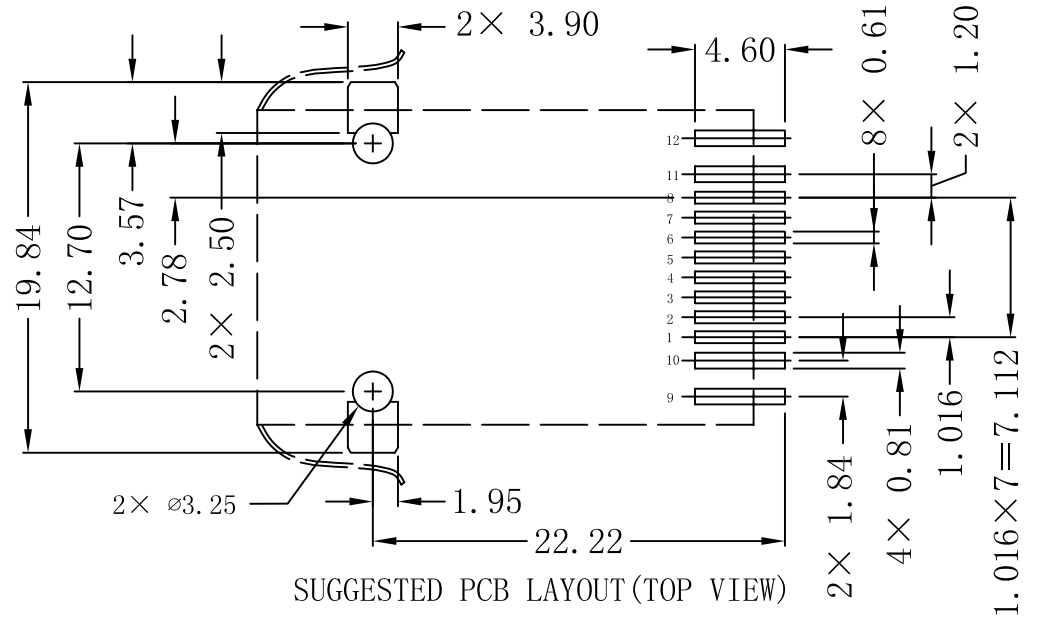


|        |               |            |                                                               |                             |
|--------|---------------|------------|---------------------------------------------------------------|-----------------------------|
| X:X    | $\pm 0.20$    | APPD:      | LINK-PP INT'L TECHNOLOGY CO., LIMITED                         |                             |
| X:XX   | $\pm 0.10$    | CHKD:      |                                                               |                             |
| X:XXX  | $\pm 0.05$    | DR: TOM    | Title: Surface Mount 1×1 Tab-Up Jack With 10/100 Magnetic SMT |                             |
| ANGLES | $\pm 1^\circ$ | UNIT: mm   | PART NO. :                                                    | LPJ3005ABNL                 |
|        |               | SCALE: 2/1 | SHEET: 1/2                                                    | REV: A DWG NO. : LP11062801 |

## Mechanical :



| REV. | ECN NO. | DESCRIPTION | DATE       | APPD |
|------|---------|-------------|------------|------|
| A    | REL     |             | 2011/06/28 |      |



NOTES :

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE 802.3 specification
3. Connector Materials:  
Housing: Thermoplastic UL94V-0  
Contact/Shield: Copper alloy  
Shield plating: Nickel  
Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 265°C Max  
Wave solder tip temperature time: 5 Sec Max

|                                                                                       |            |            |                                       |                      |  |
|---------------------------------------------------------------------------------------|------------|------------|---------------------------------------|----------------------|--|
| X:X                                                                                   | ±0.20      | APPD:      | LINK-PP INT'L TECHNOLOGY CO., LIMITED |                      |  |
| X:XX                                                                                  | ±0.10      | CHKD:      |                                       |                      |  |
| X:XXX                                                                                 | ±0.05      | DR: TOM    |                                       |                      |  |
| ANGLES ±1°                                                                            |            | UNIT: mm   | PART NO. : LPJ3005ABNL                |                      |  |
|  | SCALE: 2/1 | SHEET: 2/2 | REV: A                                | DWG NO. : LP11062801 |  |