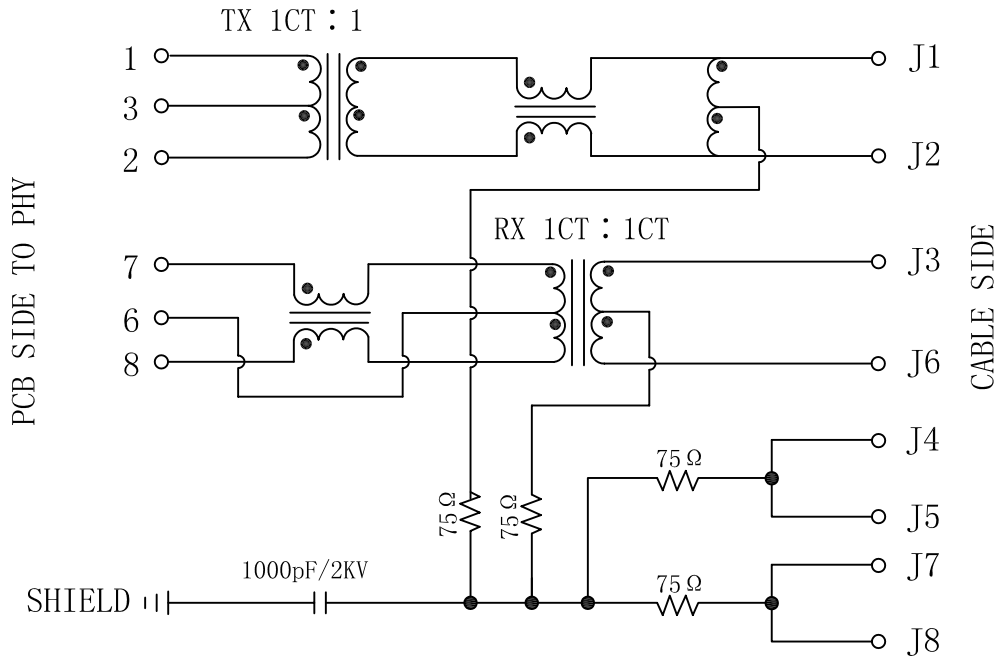
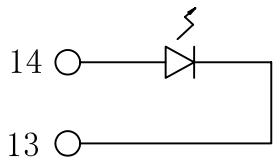


Schematic:

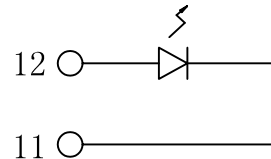
| REV. | ECN NO. | DESCRIPTION | DATE | APPD |
|------|---------|-------------|------------|------|
| A | REL | | 26/11/2009 | |



GREEN/LEFT LED



YELLOW/RIGHT LED



Electrical Specifications @25°C

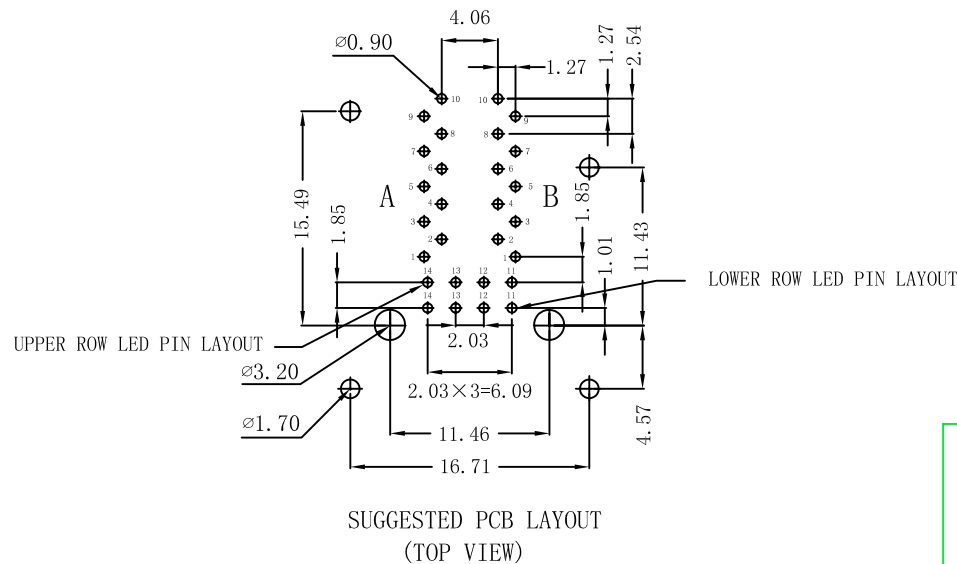
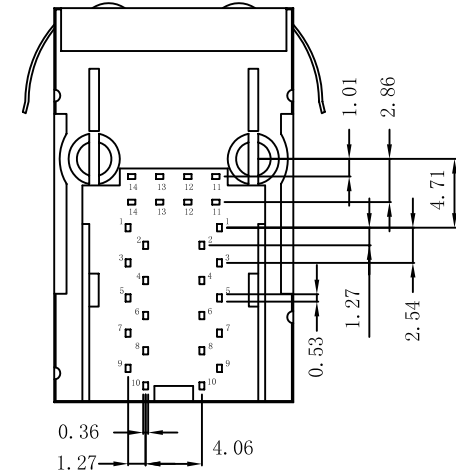
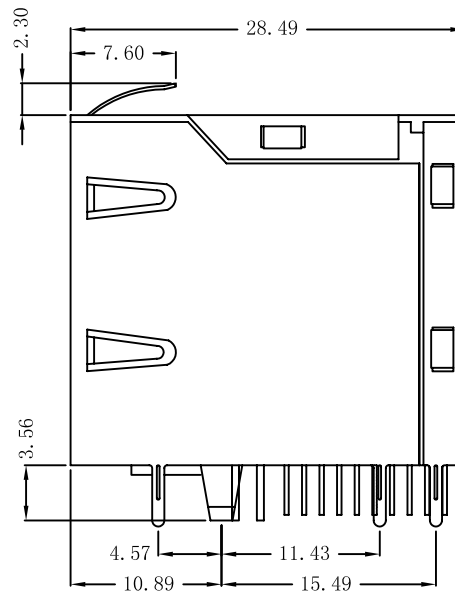
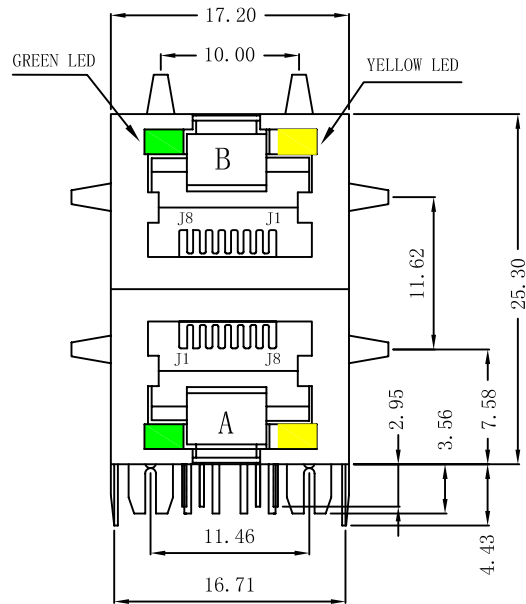
- Transmitter filter & Receiver filter
Type: Balance low pass 100Ω impedance
Insertion Loss: 1-100MHz: -1.0dB MAX
Return Loss:
1-30MHz: -18dB Min. load 100Ω
30-60MHz: -16dB Min. load 100Ω
60-80MHz: -12dB. Min. load 100Ω
- Turns Ratio:
TX=1CT : 1 RX=1CT : 1CT
- Inductance (100KHz, 0.1V, 8mA DC BIAS):
350uH Min
- Crosstalk: 1-100MHz: -30dB Min
- CMR: 1-100MHz: -30dB Min
- Hipot Test:
Input (R1-R3) to Output (C1-C2): 1500VAC
Input (R4-R6) to Output (C3-C6): 1500VAC
- Operating Temperature: 0°C to 70°C.



| | | | | |
|------------|-------|------------|--|--------|
| X:X | ±0.20 | APPD: | LINK-PP INT'L TECHNOLOGY CO., LIMITED | |
| X:XX | ±0.10 | CHKD: | Title: RJ45 2X1 /Transformer. 10/100 Base-T W/LED | |
| X:XXX | ±0.05 | DR: TOM | PART NO. : LPJ17225AHNL | |
| ANGLES | ±1° | UNIT: mm | DWG NO. : LP09112608 | |
| SCALE: 2/1 | | SHEET: 1/2 | | REV: A |

Mechanical :

| REV. | ECN NO. | DESCRIPTION | DATE | APPD |
|------|---------|-------------|------------|------|
| A | REL | | 26/11/2009 | |



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 | Title: RJ45 2X1 /Transformer. 10/100 Base-T W/LED |
| ANGLES | ±1° | UNIT: mm | PART NO. : LPJ17225AHNL |
| | SCALE: 2/1 | SHEET: 2/2 | REV: A DWG NO. : LP09112608 |