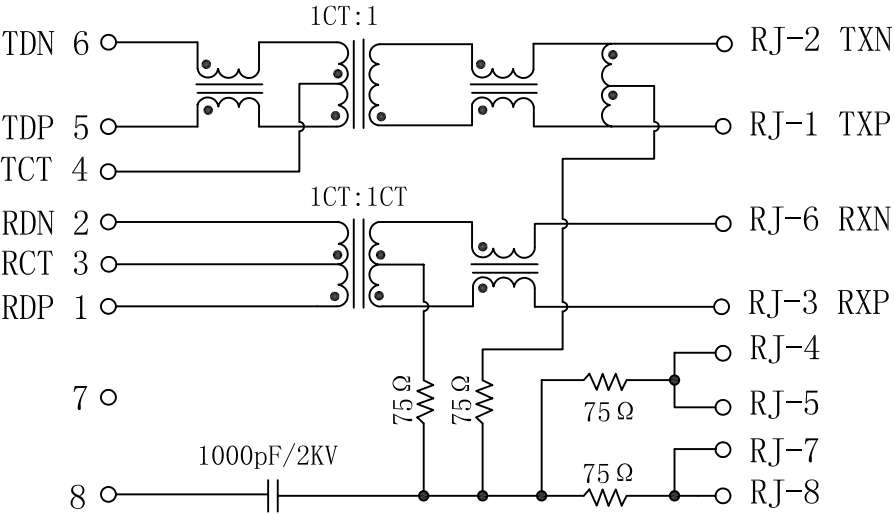
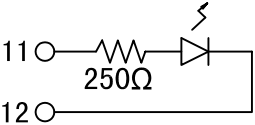


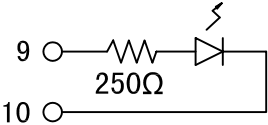
Schematic:



GREEN/LEFT LED



YELLOW/RIGHT LED



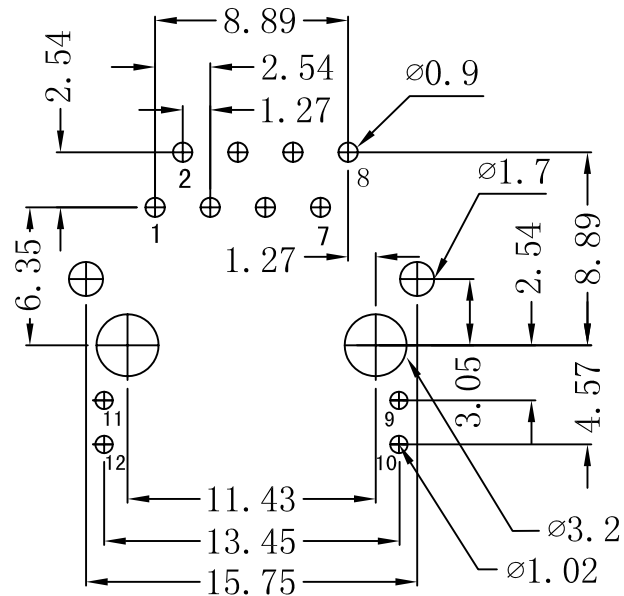
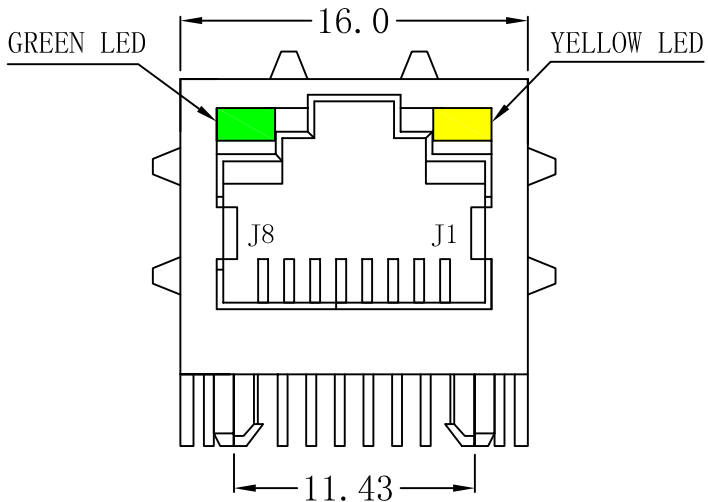
Electrical Specifications @25℃

- 1. Impedance:100 OHMS
- 2. Turns Ratio:
TX=1CT : 1 RX=1CT : 1CT
- 3. Inductance OCL: 350uH Min
@100KHz, 0.1Vrms, 8mA DC Bias.
- 4. Insertion Loss:
0.5MHz-100MHz: -1.1dB Max
- 5. Return Loss(dB Min):
0.5-30MHz:-18
30.1-60MHz:-[18-20log(f/30)]
60.1-80MHz:-12
- 6. Crosstalk(dB Min):
0.5-40MHz:-35
40.1-100MHz:-[33-20log(f/50)]
- 7. Common Mode Rejection Ratio:
0.5-100MHz:-30dB Min
- 8. Isolation Voltage: 1500Vrms
- 9. Operating Temperature: 0℃~70℃.

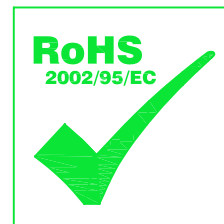
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		08/11/2008	

X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	TITLE.: RJ45 Connector With 10/100 Base-TX Integrated Magnetic TAB-UP	
X:XXX	±0.05	DR: TOM		
ANGLES	±1°	UNIT: mm		
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO: LP09090212

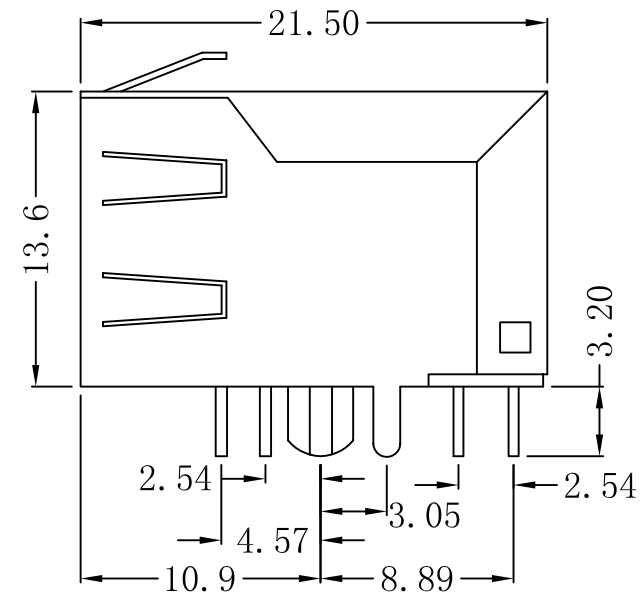
Mechanical :



SUGGESTED PCB LAYOUT (TOP VIEW)



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		02/09/2009	



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 Connector With 10/100 Base-TX Integrated Magnetic TAB-UP		
ANGLES	±1°	UNIT: mm			
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO: LP09090212	