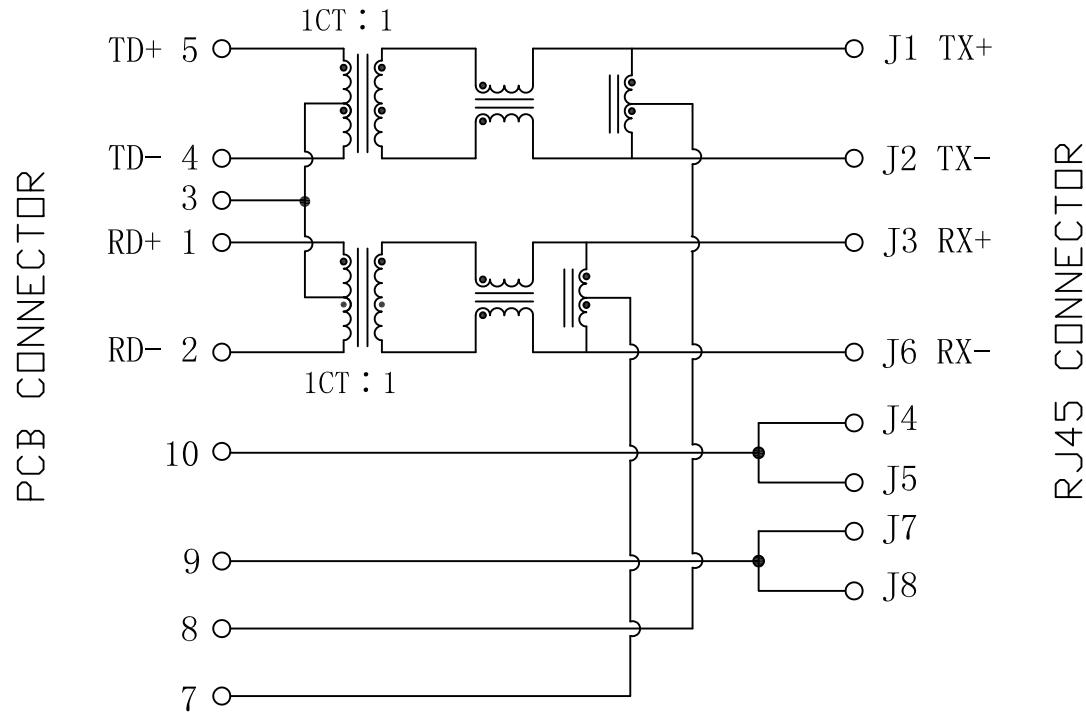


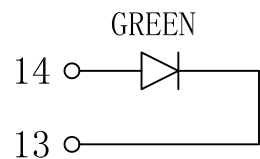
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/10/26	

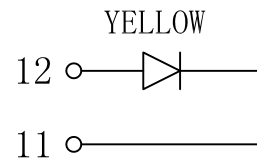


Electrical Specification @25°C

- Turns Ratio ($\pm 2\%$) :
TX=1CT : 1 RX=1CT : 1
- Insertion Loss:
1~100MHz:-1.0dB Max
- Return Loss:
1~30MHz:-18dB Min. load 100 Ω
30~60MHz:-16dB Min. load 100 Ω
60~80MHz:-12dB Min. load 100 Ω
- Crosstalk:
1~100MHz:-30dB Min
- Common Mode Rejection:
1~100MHz:-30dB Min
- OCL: 350uH MIN
@100KHz, 0.1V, 8mA DC Bias
- Hipot Test: 1500VAC, 60SEC
- Balanced DC line current:
350mA Max @57VDC continuous
500mA Max @57VDC for 200 milliseconds
- Operating Temperature: 0°C~70°C



LEFT LED



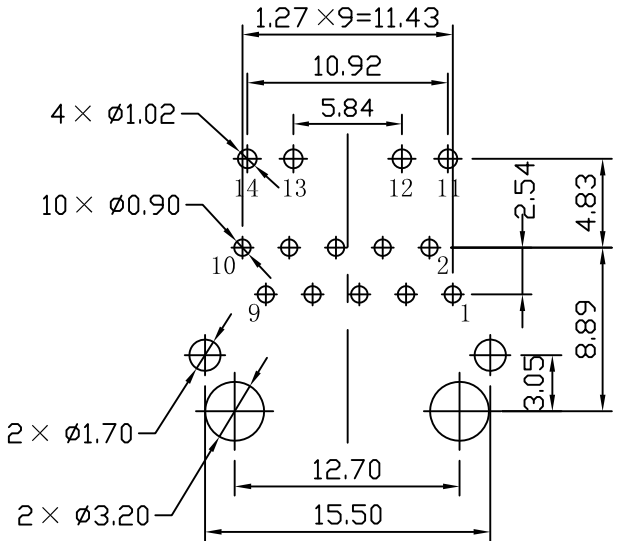
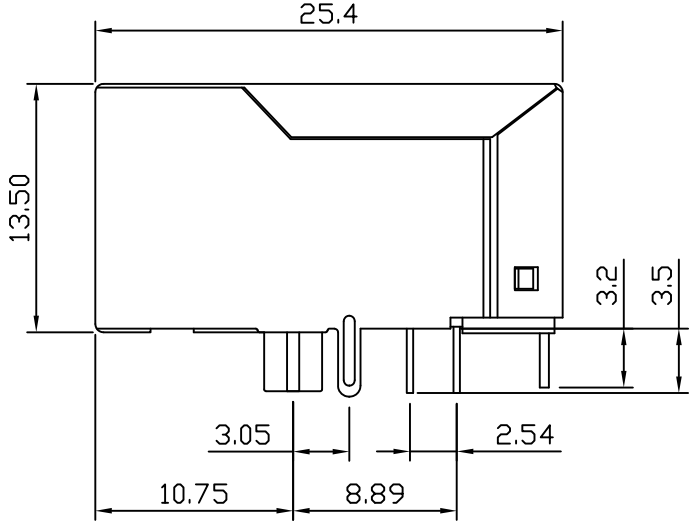
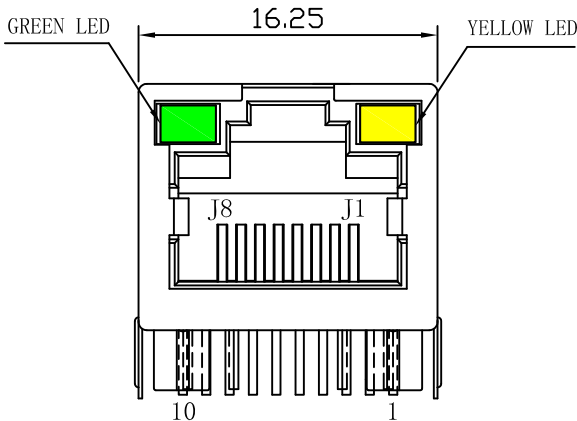
RIGHT LED



X:X	± 0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.25	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics For PoE Application	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJ1075-1BHNL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP11102606

Mechanical:

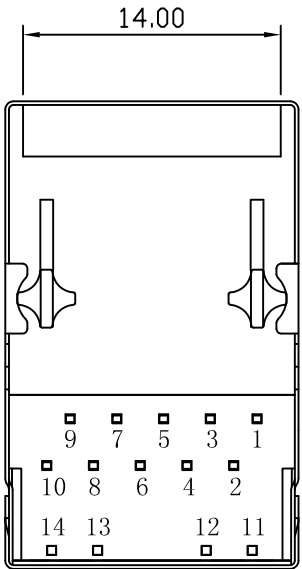
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/10/26	



SUGGESTED PCB LAYOUT (TOP VIEW)

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 ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics For PoE Application		
X:XXX ±0.05	DR: TOM			
ANGLES ±1°	UNIT: mm	PART NO.: LPJ1075-1BHNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP11102606