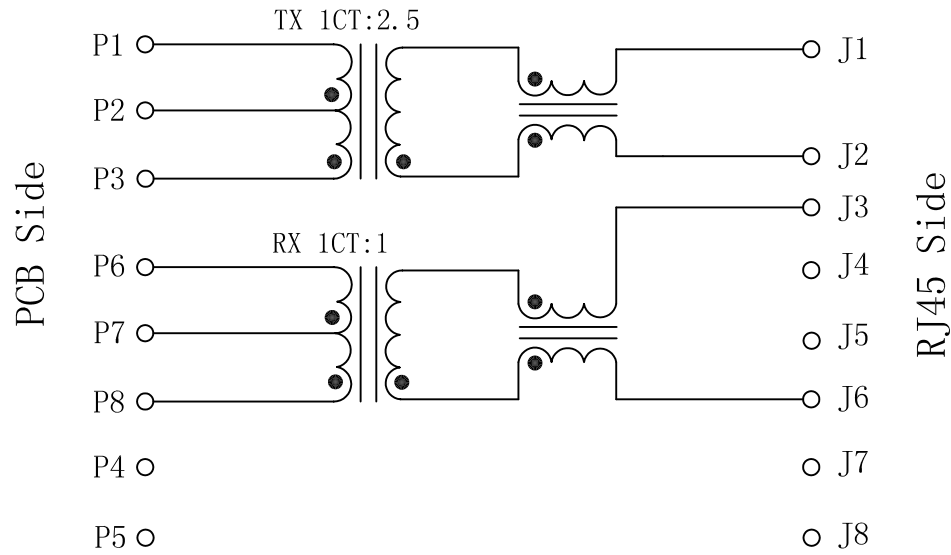


Schematic:

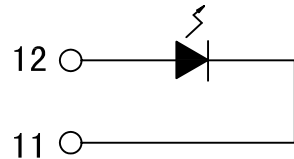
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/09	



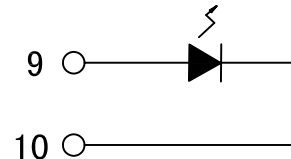
Electrical Specifications: @25°C

- Turns Ratio ($\pm 5\%$) :
 (P1-P2-P3) : (J1-J2) = 1CT:2.5
 (P6-P7-P8) : (J3-J6) = 1CT:1
- 0CL: 200uH Typ @100KHz 50mV
- PCB Side DC Resistance:
 0.4 ohms Max
- PRI/SEC Cw/w:
 15pF Max @100KHz 50mV
- PRI Leakage Inductance: 0.5uH Max
 @100KHz 50mV SEC Shorted
- Isolation : 1500Vrms
- Operating Temperature: 0°C ~ 70°C.

YELLOW/LEFT LED



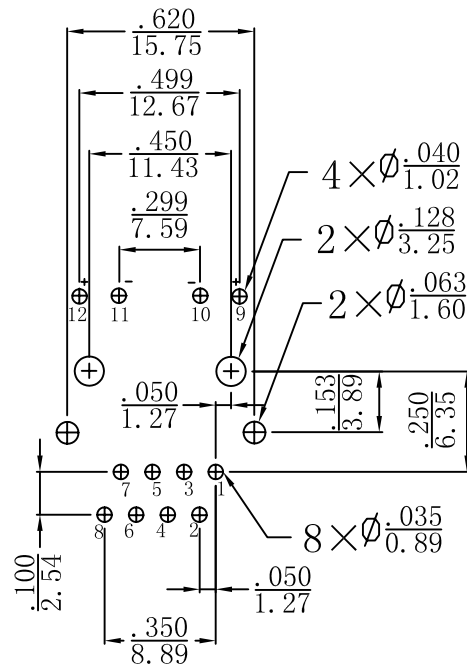
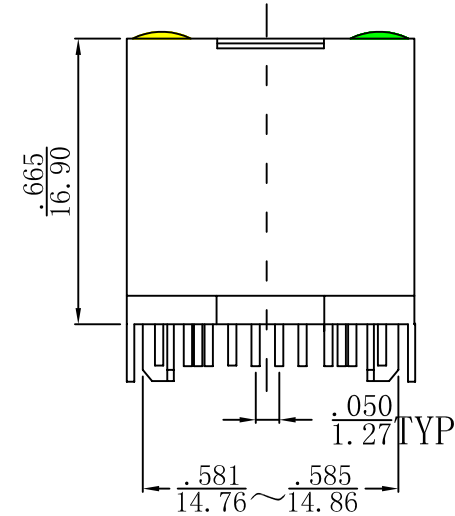
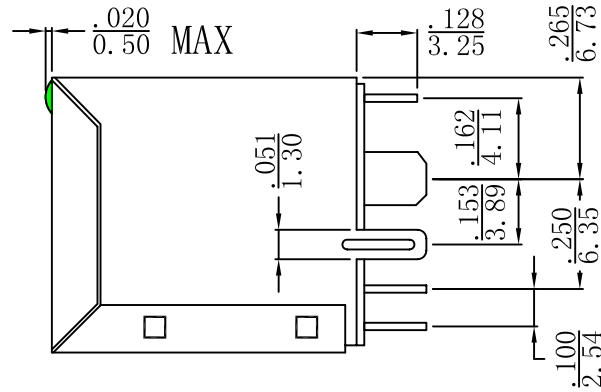
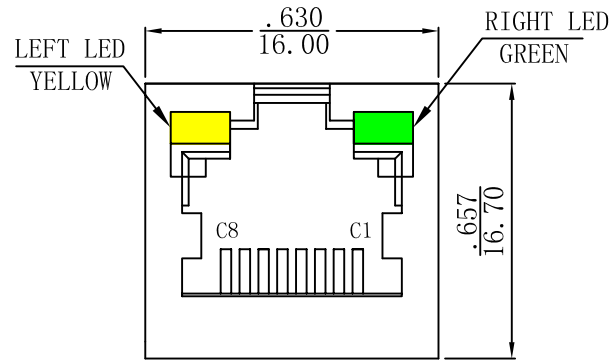
GREEN/RIGHT LED



X:X	± 0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	± 0.10	CHKD:	
X:XXX	± 0.05	DR: TOM	
ANGLES	$\pm 1^\circ$	UNIT: Inches/mm	PART NO.: LPJD0055BANL
	SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.:

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/09	



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	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	Title: Vertical RJ45 Connector With 10 Base-TX Integrated Magnetic	
X:XXX	±0.05	DR: TOM	PART NO.: LPJD0055BANL	
ANGLES	±1°	UNIT: Inches/mm		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: