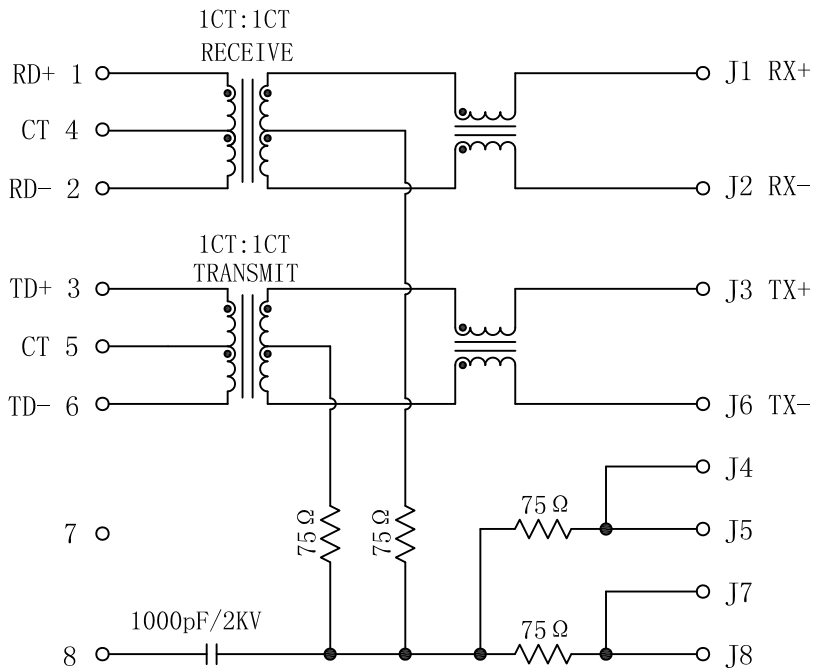


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		17/02/2009	

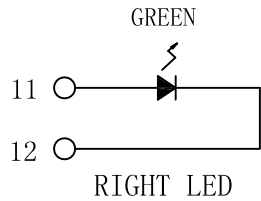
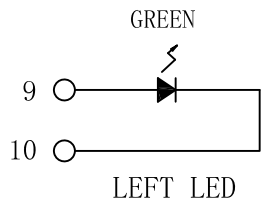
PC BOARD CONNECTIONS



RJ45 CONNECTOR

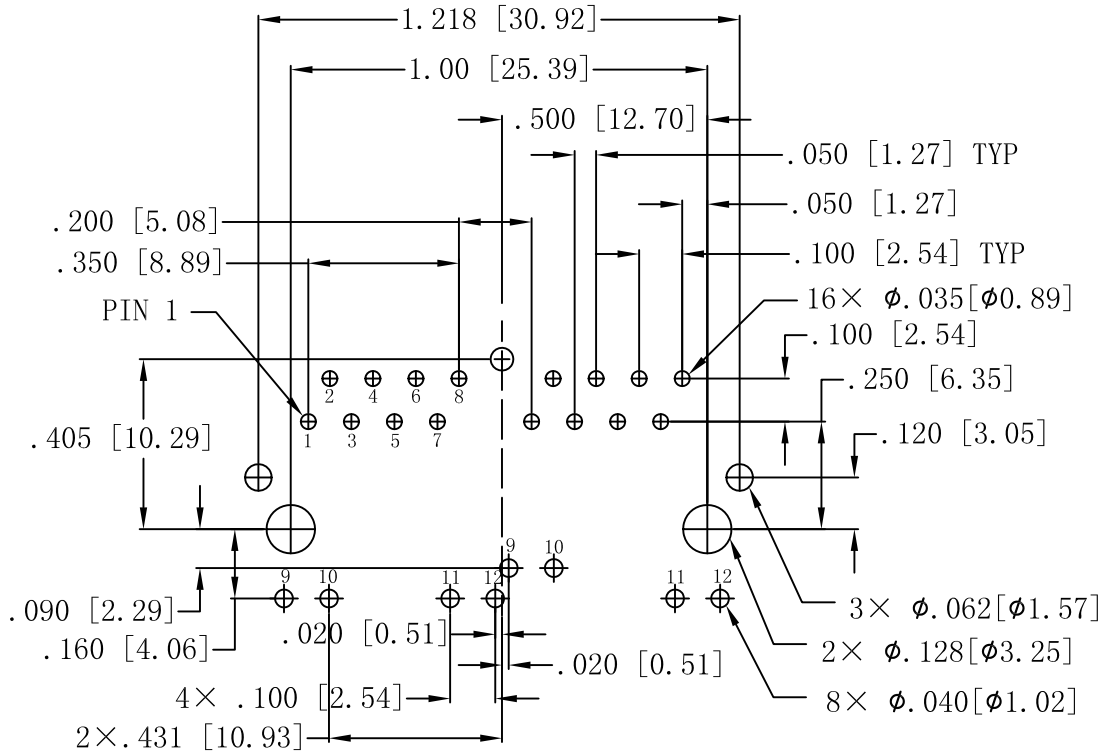
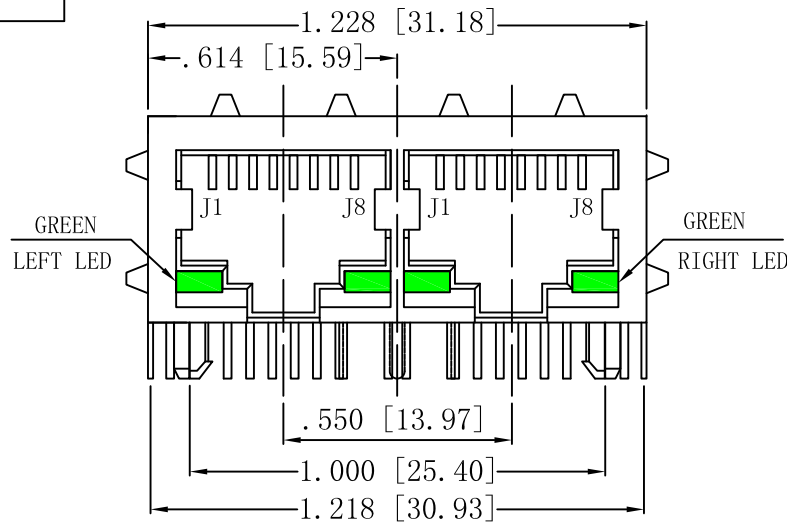
Electrical Specifications: @25°C

- 1. Turns Ratio ($\pm 2\%$):
TX=1CT:1CT RX=1CT:1CT
- 2. OCL: 350uH Min
@100KHz, 100mV, 8mA DC Bias
- 3. Insertion Loss:
1-100MHz:-1.2dB Max
- 4. Return Loss(dB Min):
1-10MHz:-18 30MHz:-16
60-100MHz:-10
- 5. Crosstalk(dB Min):
1-100MHz:-30
- 6. Common Mode Rejection(dB Min):
1-50MHz:-30 50-130MHz:-20
- 7. Isolation Voltage: 1500Vrms
- 8. Operating Temperature: -40°C ~+85°C.



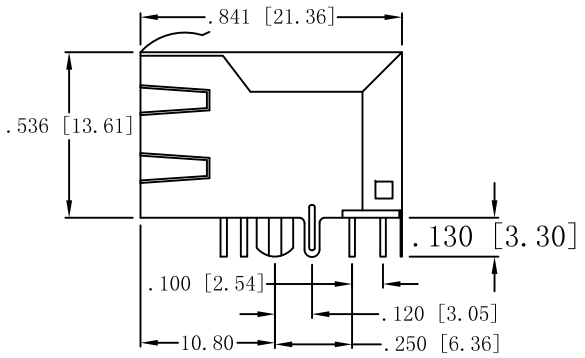
X:X	± 0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.10	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: RJ45 Connector With 10/100 Base-TX Integrated Magnetic	
ANGLES	$\pm 1^\circ$	UNIT: Inches/mm	PART NO.: LPJ26404AFNL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG: LP09021730

Mechanical:



SUGGESTED PCB LAYOUT (TOP VIEW)

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		17/02/2009	



- 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	
ANGLES	±1°	UNIT: Inches/mm	PART NO.: LPJ26404AFNL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG: LP09021730