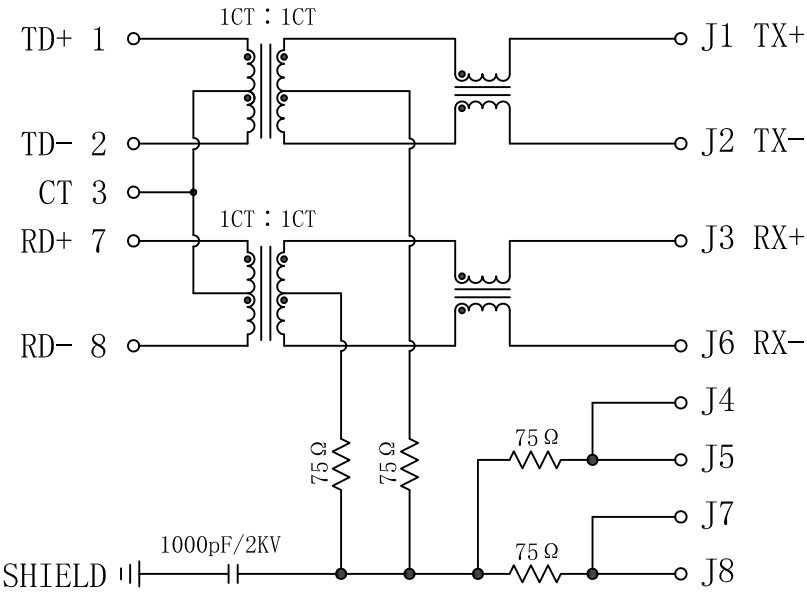


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		23/12/2009	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

ELECTRICAL SPECIFICATIONS @25°C

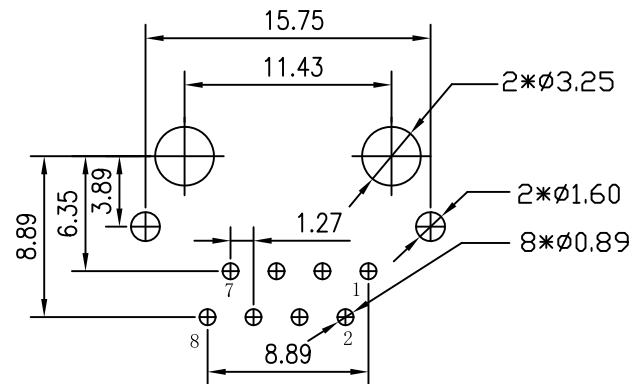
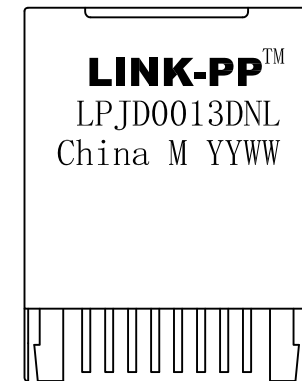
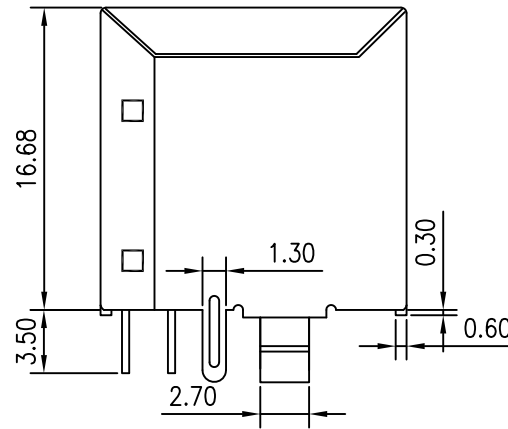
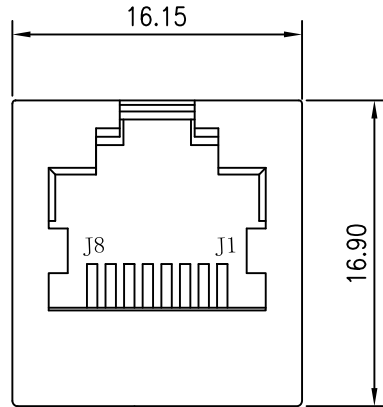
- 1. Turn Ratio(±2%):
TX=1CT:1CT RX=1CT:1CT
- 2. Inductance OCL:
350uH MIN@100KHz/0.1V,8mA DC Bias
- 3. Insertion Loss:
-1.0dB MAX @1-100MHz
- 4. Return Loss:
-18dB MIN @1-30MHz
-16dB MIN @30-60MHz
-12dB MIN @60-80MHz
- 5. Cross talk:
-30dB MIN @1-100MHz
- 6. Common Mode Rejection:
-30dB MIN @1-100MHz
- 7. Hipot Test: 1500Vrms MIN
- 8. Operating Temperature Range: 0°C TO 70°C



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: LPJD0013DNL	
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: LP09122315

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		23/12/2009	



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, 5 Sec Max.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: LPJD0013DNL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: LP09122315