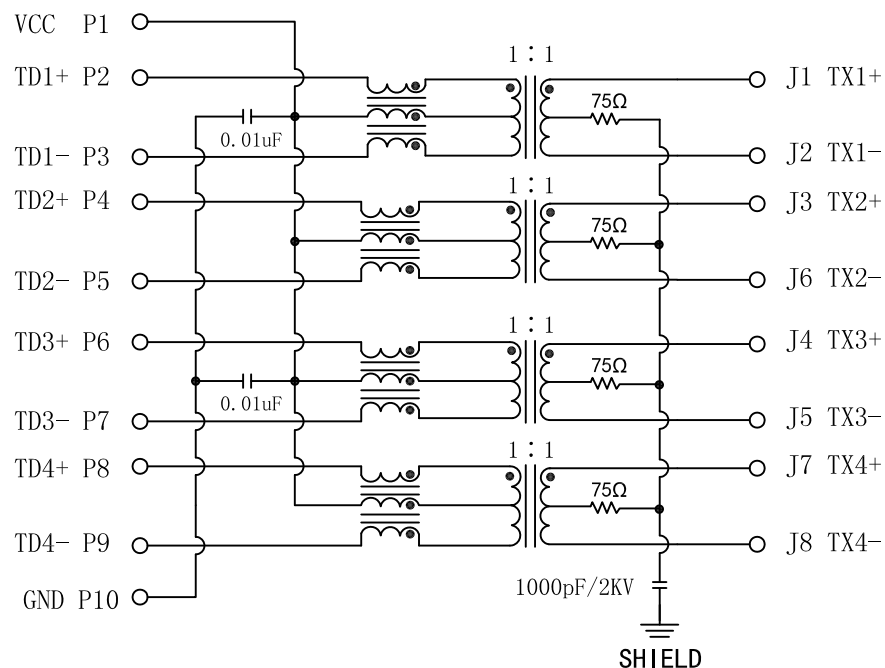


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/02/15	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

Electrical Specifications @25°C

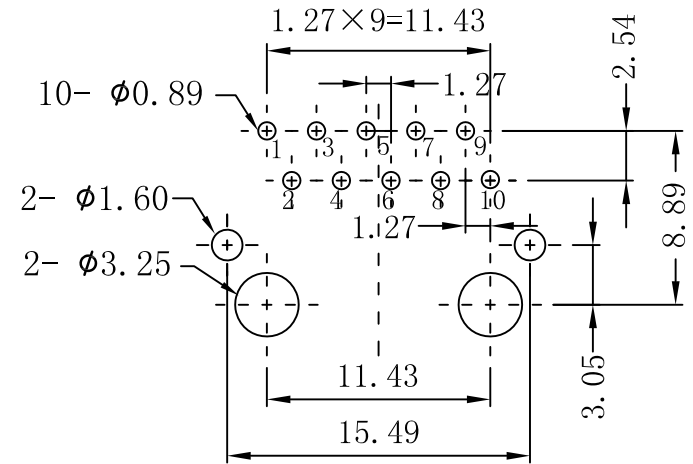
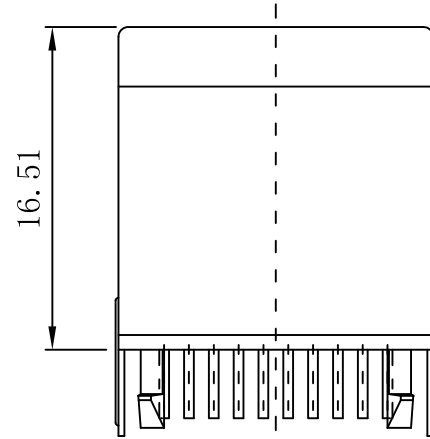
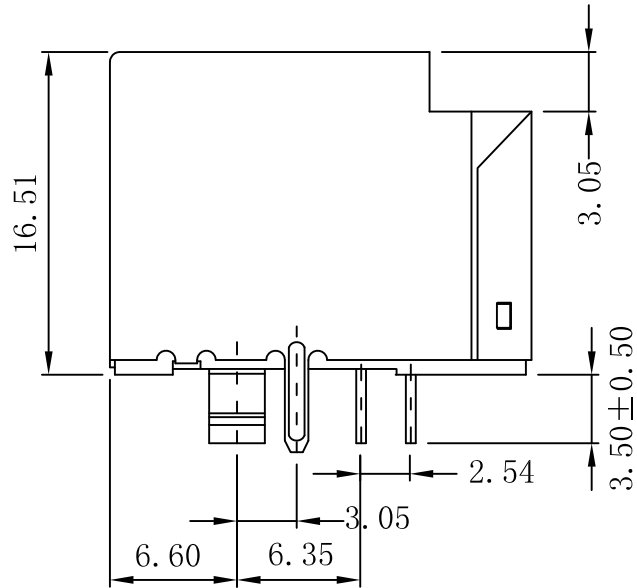
- Impedance: 100 ohms
- OCL: 350uH Min
@100KHz, 0.1V, 8mADC BIAS
- Turns Ratio: 1 : 1 ±3%
- Insertion Loss:
1-100MHz:-1.1dB Max
- Return Loss(dB Min):
1-40MHz:-18 60MHz:-14
80MHz:-12 100MHz:-10
- Crosstalk:
1-100MHz:-35dB Typ
- Common Mode Rejection(dB Typ):
0.1-30MHz:-38 30-60MHz:-35
60-100MHz:-30
- Isolation Voltage: 1500Vrms
- Operating Temperature: 0°C ~70°C.



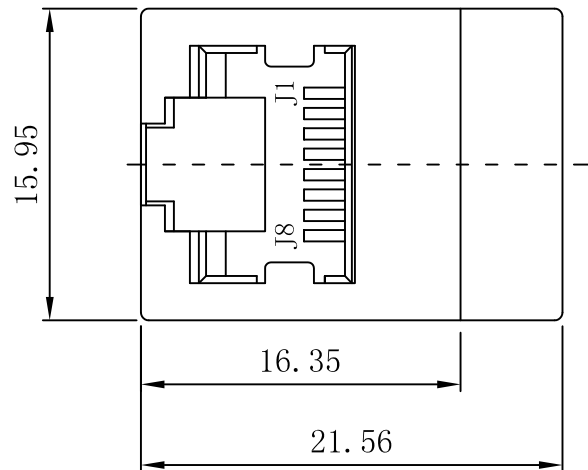
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: Vertical RJ45 Connector With 1000 Magnetic	
X:XXX	±0.05	DR: TOM	PART NO.: LPJD0773DNL	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 1/2	REV: A	LP11021511

Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2011/02/15	



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: 260°C
 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: Vertical RJ45 Connector With 1000 Magnetic
X:XXX	±0.05	DR: TOM	PART NO.: LPJD0773DNL
ANGLES	±1°	UNIT: mm	
	SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: LP11021511