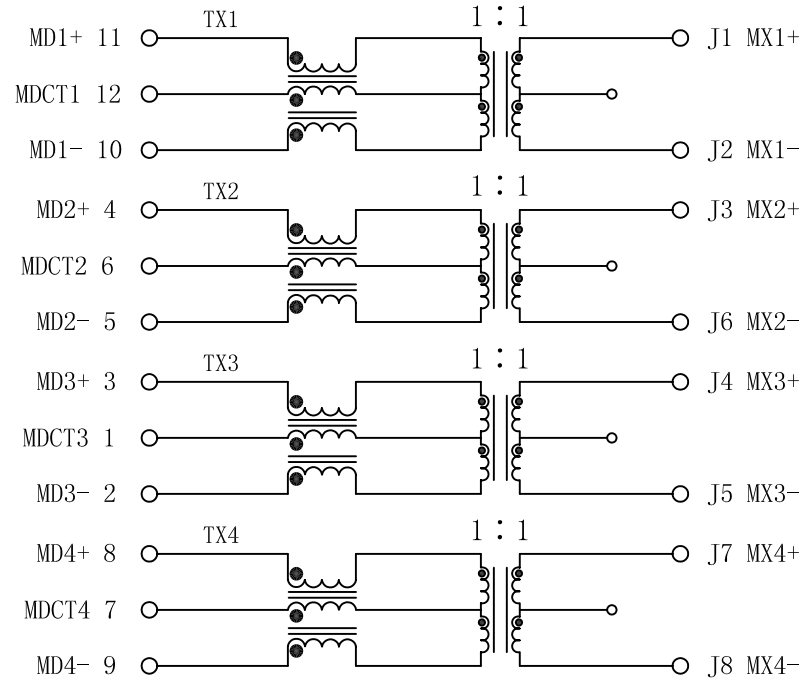


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/02	

PCB SIDE



CABLE SIDE

Electrical Specifications @25°C

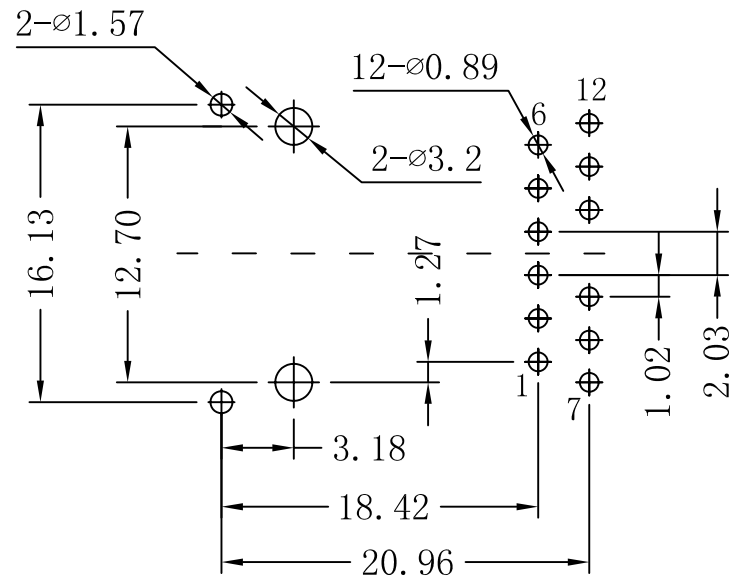
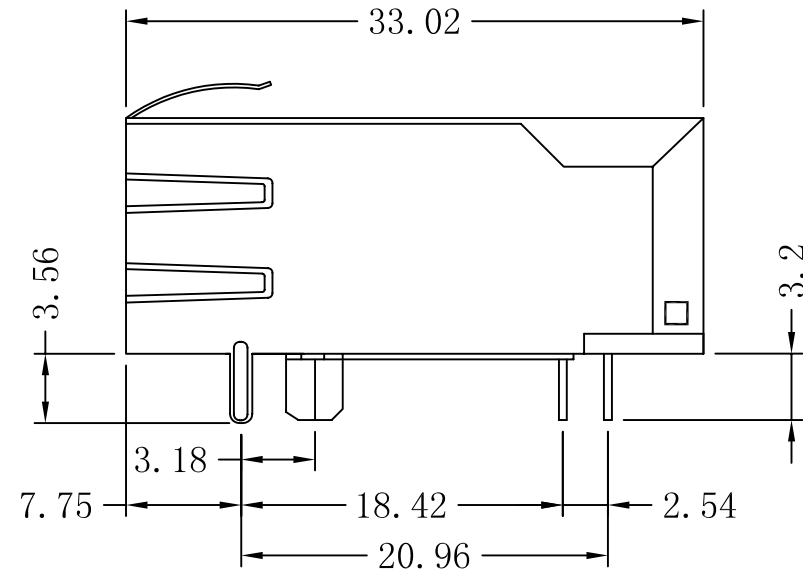
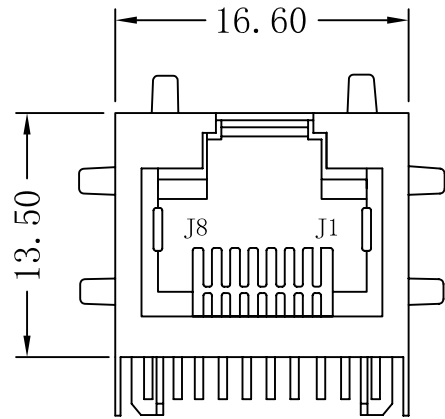
1. OCL: 350uH min
@100KHz 0.1V 8mADC.
2. Insertion Loss:
1~100MHz:-1.0dB max
3. Return Loss(dB min):
1~10MHz:-20 30MHz:-16
60~80MHz:-12 80~100MHz:-10
4. Crosstalk(dB min):
1~10MHz:-40 32~65MHz:-35
65~100MHz:-30
5. CMR(dB min):
1~125MHz:-30 125~500MHz:-20
6. Hi-Pot:1500V
7. Operating Temperature: 0°C~70°C



X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:	TITLE: RJ45 Connector with 1000 Base-TX Integrated Magnetic	
X:XXX	±0.05	DR: TOM		
ANGLES	±1°	UNIT: mm	PART NO.:	LPJK0014CNL
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP10120201

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/02	



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: RJ45 Connector with 1000 Base-TX Integrated Magnetic	
X:XXX	±0.05	DR: TOM	PART NO.: LPJK0014CNL	
ANGLES	±1°	UNIT: mm	DWG NO.: LP10120201	
	SCALE: 2/1	SHEET: 1/2	REV: A	