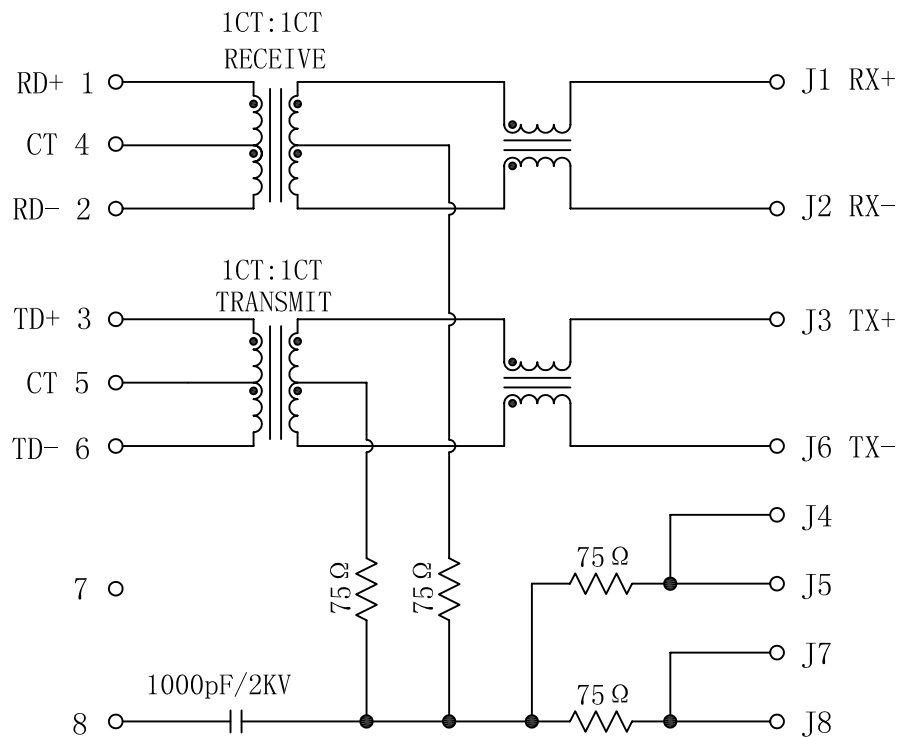


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		21/03/2009	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

Electrical Specifications: @25°C

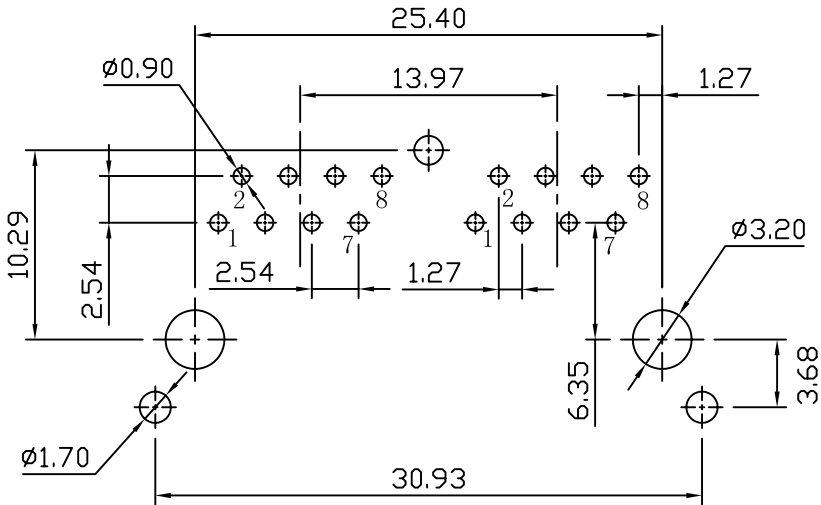
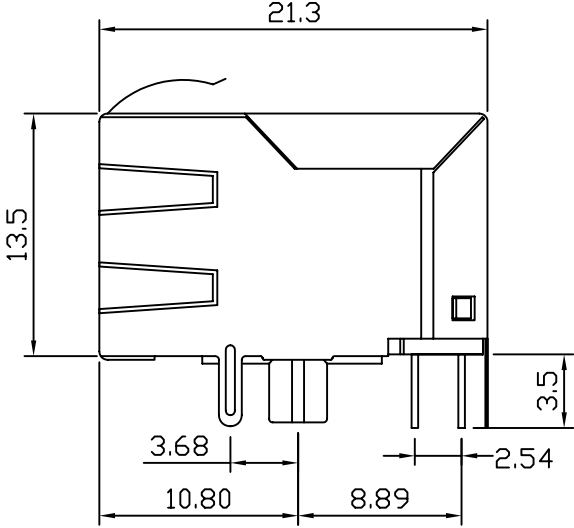
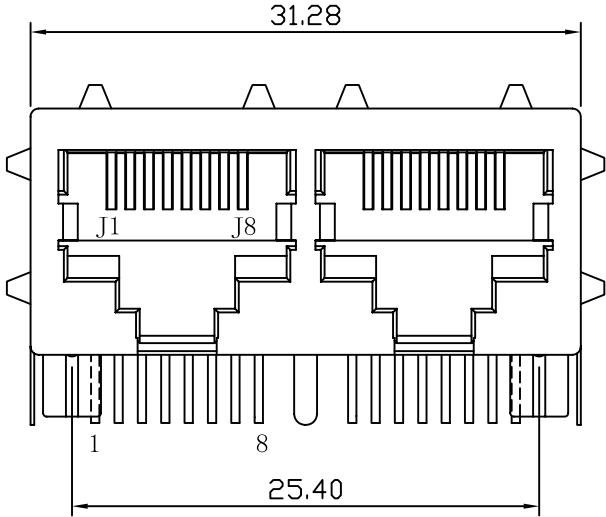
- Turns Ratio ($\pm 2\%$) :
TX=1CT:1CT RX=1CT:1CT
- Return Loss(dB Min) :
1-10MHz:-18 30MHz:-16
60-100MHz:-12
- Crosstalk:
1-100MHz:-30dB Min
- Insertion Loss:
1-100MHz:-1.2dB Max
- CMR:
1-50MHz:-30dB Min
50-130MHz:-20dB Min
- OCL: 350uH Min
@100KHz, 100mVrms, 8mA bias current.
- Isolation Voltage: 1500Vrms
- Operating Temperature: -40°C - +85°C



X:X	± 0.25	APPD:	LINK-PP LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.20	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO. : LPJF26404CNL	
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO. : TRC09032120

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		21/03/2009	



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
 - Wave solder tip temperature time: 5 Sec Max

X:X	±0.25	APPD:	LINK-PP LINK-PP INT'L TECHNOLOGY CO., LIMITED TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics PART NO. : LPJF26404CNL		
X:XX	±0.20	CHKD:			
X:XXX	±0.05	DR: TOM			
ANGLES ±1°		UNIT: mm			
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : TRC09032120	