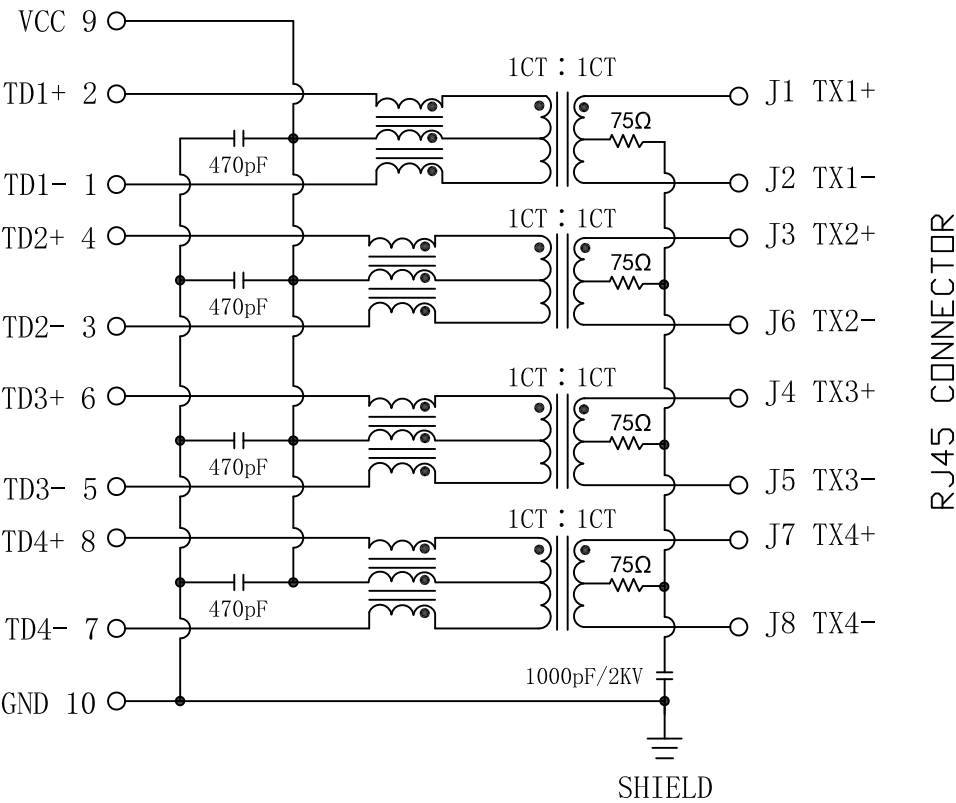


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016/07/15	

PCB CONNECTIONS



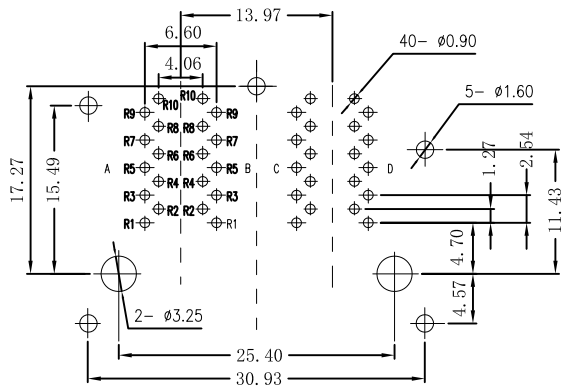
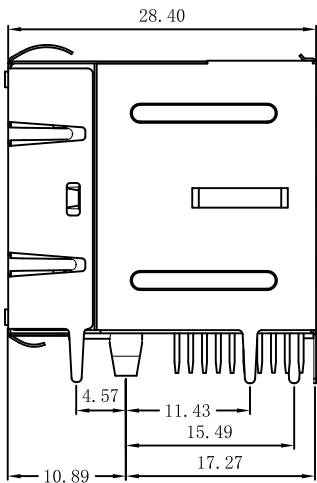
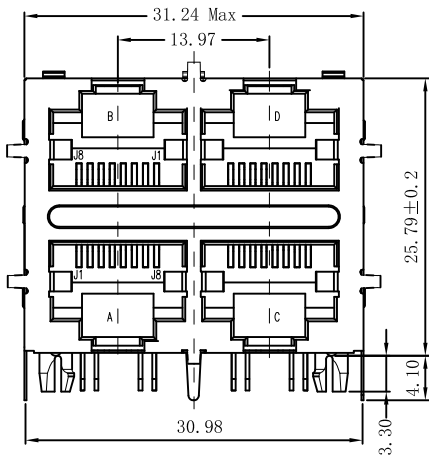
RJ45 CONNECTOR

- Electrical Specifications @ 25°C
- Turns Ratio:
Pri : Sec = 1CT : 1CT
 - OCL(@100KHz,100mV,8mA DC Bias):
J1-J2;J3-J6;J4-J5;J7-J8: 350uH Min
 - Insertion Loss:
0.5~100MHz:-1.1dB Max
 - Return Loss(dB Min):
0.5~40MHz:-18
40.1~100MHz:-10
 - Crosstalk(dB Min):
0.5-40MHz:-35
40.1-100MHz:-30
 - Common Mode Rejection Ratio:
0.5-100MHz:-30dB Min
 - Isolation Voltage: 1500Vrms
 - Operating Temperature Range: 0°C~70°C.

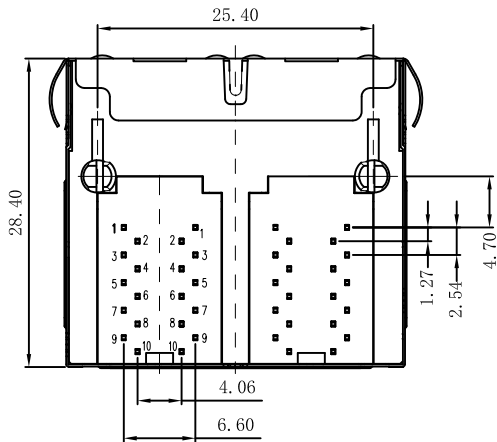


X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: RJ45 .Transformer.1000 Base-T. 2×2	
ANGLES	±1°	UNIT: mm	PART NO. : LPJG27591CNL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : LP16071501

Mechanical:



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.
5. UL Certification: File Number E484635.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX	±0.25	CHKD:	TITLE: RJ45 .Transformer.1000 Base-T. 2×2		
X:XXX	±0.05	DR: TOM			
ANGLES	±1°	UNIT: mm	PART NO. : LPJG27591CNL		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO. : LP16071501	