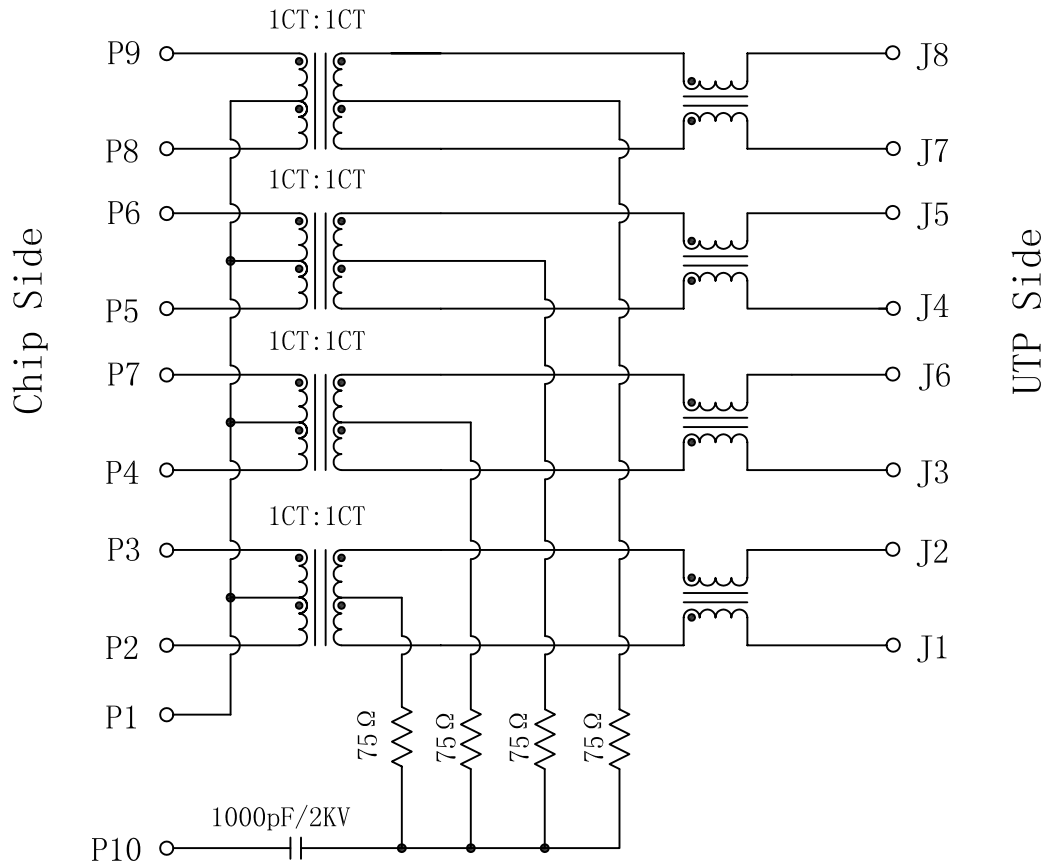


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		14/11/2007	



ELECTRICAL SPECIFICATIONS @25°C

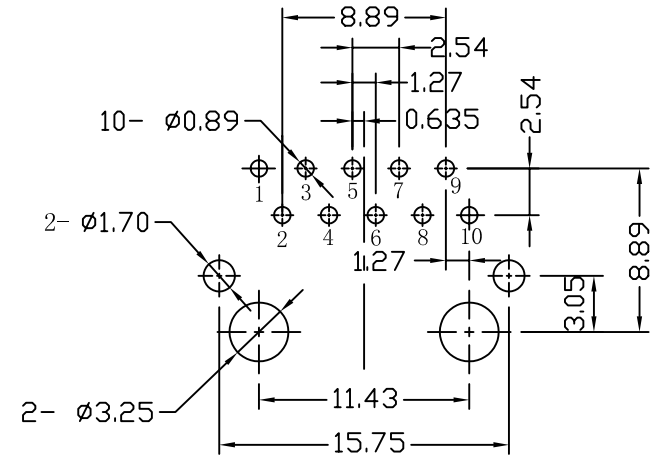
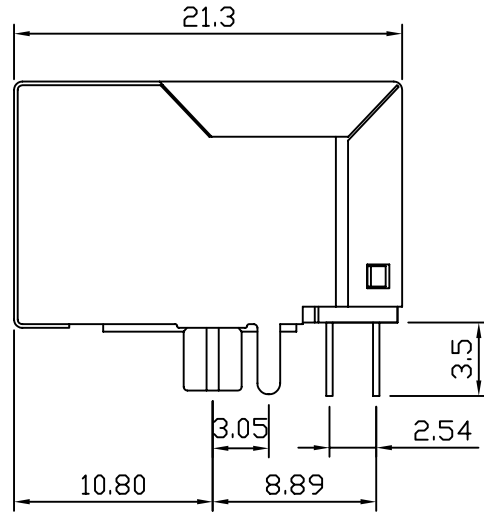
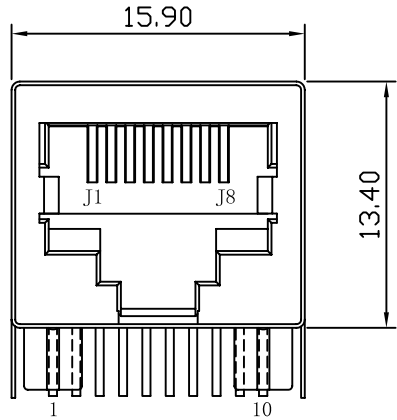
1. Turn Ratio($\pm 2\%$): 1CT:1CT
2. Inductance OCL: 350uH MIN @ 100KHz/0.1V, 8mA DC Bias
3. Insertion Loss: -1.0dB MAX @ 1.0-65MHz
4. Return Loss: -20dB MIN @ 1-10MHz
-16dB MIN @ 10-30MHz
-12dB MIN @ 30-60MHz
-10dB MIN @ 60-100MHz
5. Cross talk: -40dB MIN @ 1-30MHz
-35dB MIN @ 30-60MHz
-30dB MIN @ 60-100MHz
6. Common Mode Rejection: -30dB MIN @ 1-50MHz
-20dB MIN @ 50-150MHz
7. Hipot Test: 1500Vrms MIN
8. Operating Temperature: 0°C ~ 70°C.



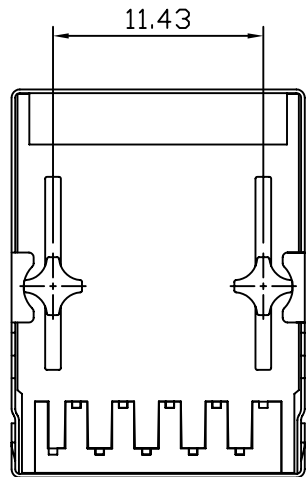
X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.20	CHKD:	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetics		
X:XXX ±0.05	DR: TOM	PART NO.: LPJG0806DNL		
ANGLES ±1°	UNIT: mm			
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP07111403

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		14/11/2007	

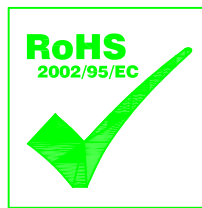


SUGGESTED PCB LAYOUT (TOP VIEW)



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 ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX ±0.20	CHKD:	
X:XXX ±0.05	DR: TOM	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetics
ANGLES ±1°	UNIT: mm	PART NO.: LPJG0806DNL
	SCALE: 2/1	SHEET: 2/2
	REV: A	DWG NO.: LP07111403