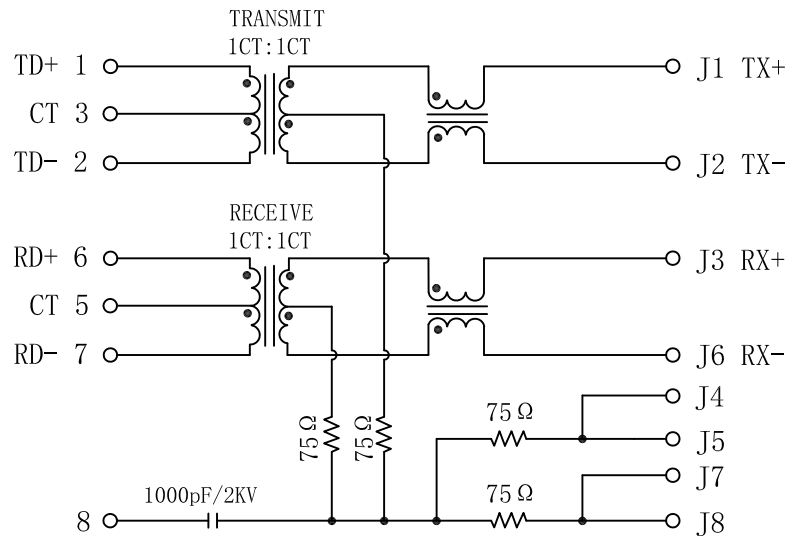


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-06-08	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

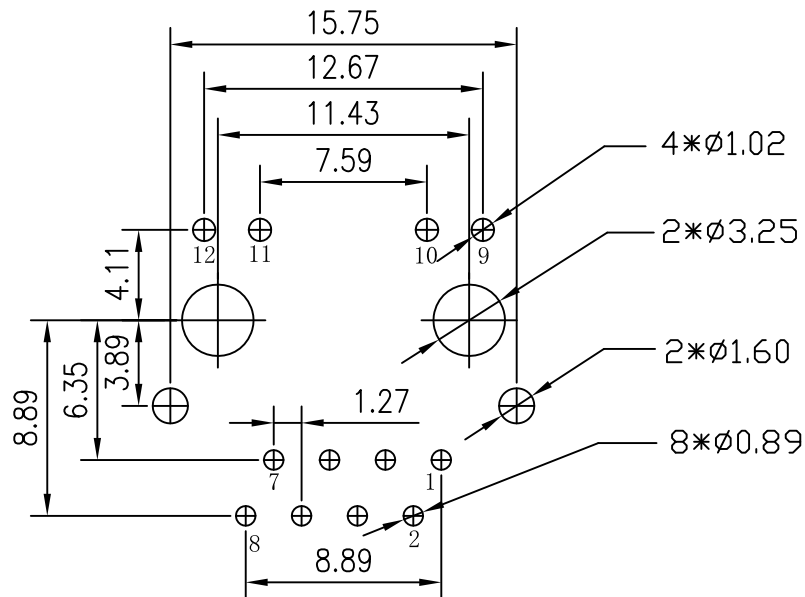
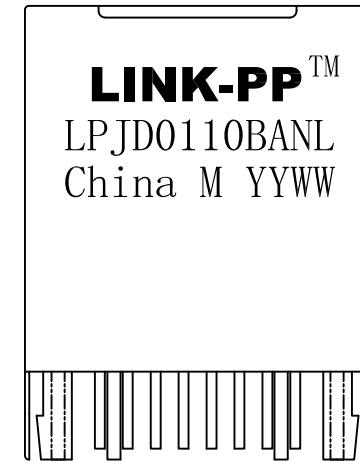
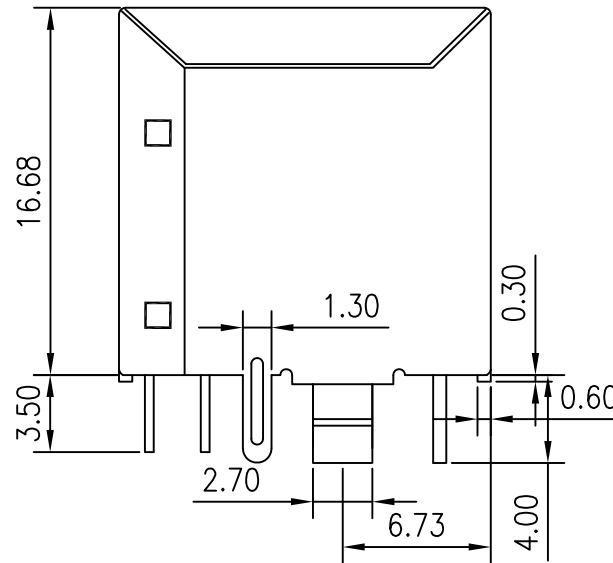
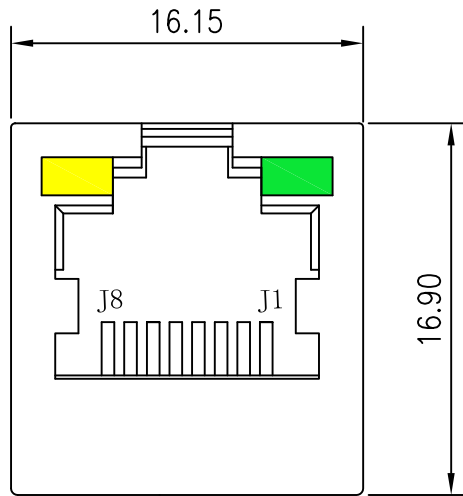
ELECTRICAL SPECIFICATIONS @25°C

- 1. Turn Ratio($\pm 2\%$):
TX=1CT:1CT RX=1CT:1CT
- 2. Inductance OCL: 350uH MIN
@100KHz/0.1V, 8mA DC Bias
- 3. Insertion Loss:
-1.0dB MAX @ 1.0-100MHz
- 4. Return Loss:
-20dB MIN @ 1-10MHz
-16dB MIN @ 10-30MHz
-12dB MIN @ 30-60MHz
-10dB MIN @ 60-100MHz
- 5. Cross talk:
-40dB MIN



Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010-05-27	



SUGGESTED PCB LAYOUT (TOP VIEW)

NOTES:

1. Meets IEEE 802.3 specification
2. Connector Materials:
Housing: Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min. In contact area
3. Wave solder tip temperature: 265°C Max, 5 Sec.
4. UL Certification: File Number E484635.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector With 10/100 Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: LPJD0110BANL	
		SCALE: 3/1	SHEET: 2/2	REV: A DWG NO.: LP10052708