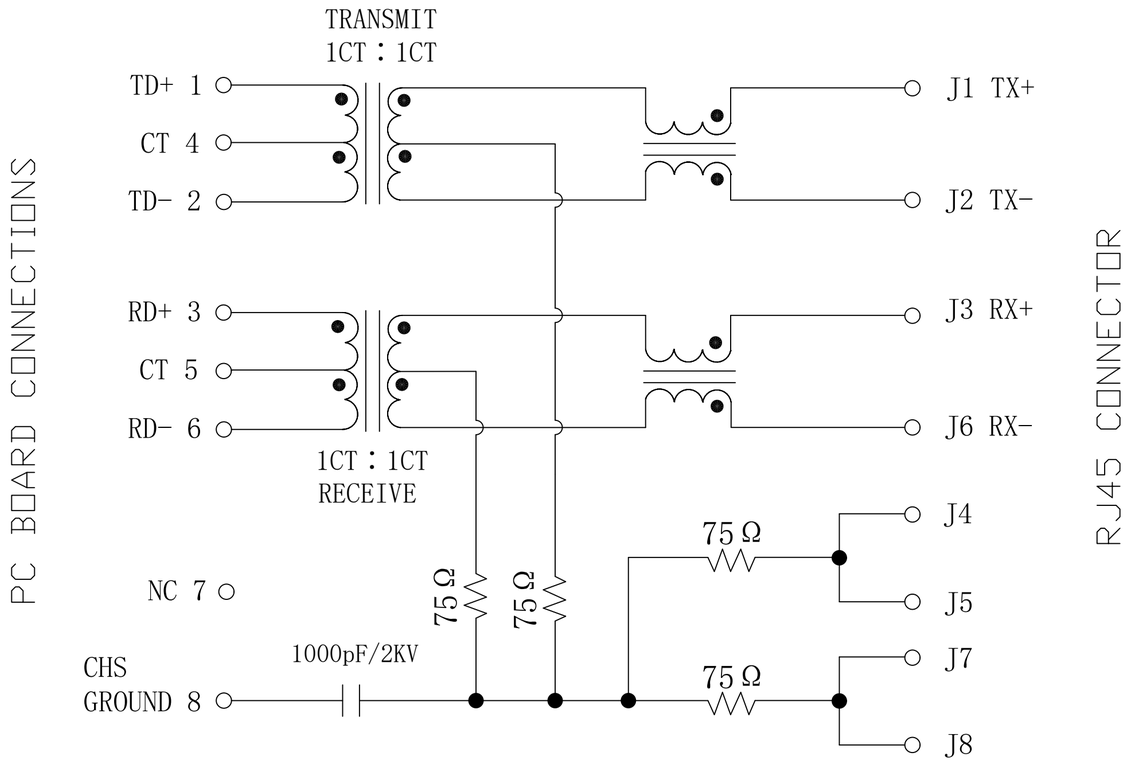
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		17/07/2008	



Emitting Color	λp(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10μA max
YELLOW	585	1.8~2.6V	10μA max

ELECTRICAL SPECFICATIONS: @25℃

1. Turn Ratio(±2%):
   TX=1CT：1CT　　RX=1CT：1CT
2. Inductance OCL: 350uH MIN
   @100KHz 0.1V 8mA DC Bias
3. Insertion Loss:
   -1.0dB MAX @1～100MHz
4. Return Loss:
   -18dB MIN @1～30MHz
   -15dB MIN @30～60MHz
   -12dB MIN @60～80MHz
   -10dB MIN @80～100MHz
5. Cross talk:
   -40dB MIN @30MHz
   -35dB MIN @60MHz
   -30dB MIN @100MHz
6. Common Mode Rejection:
   -40dB MIN @30MHz
   -35dB MIN @60MHz
   -30dB MIN @100MHz
7. Hipot: 1500Vrms
8. Operating Temperature: -40℃ ～ +85℃.
9. Storage Temperature: -40℃ ～ +85℃.

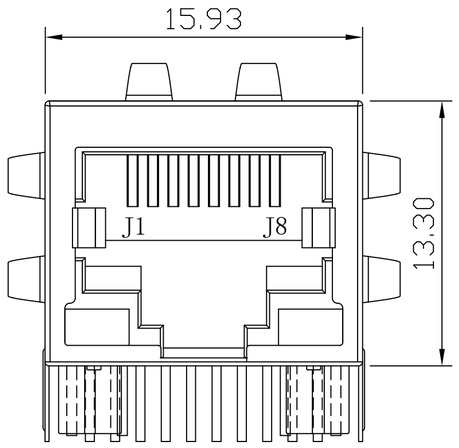
RoHS 2011/65/EU

X:X ±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD: JAMES	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics		
X:XXX ±0.05	DR: LEO			
ANGLES ±1°	UNIT: mm	PART NO.: LPJ4011ABNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP08121226

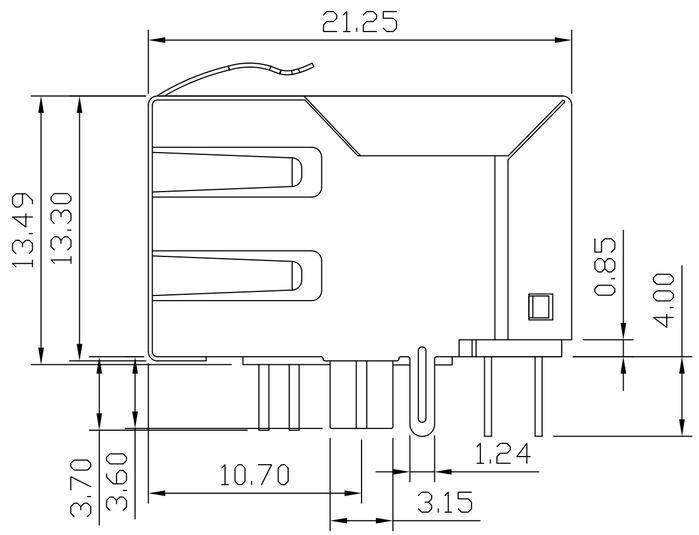
LINK-PP　Website: http://www.link-pp.com　Email: info@link-pp.com　Tel: +86-0752-3322916　Fax: +86-0752-3161926

Mechanical:

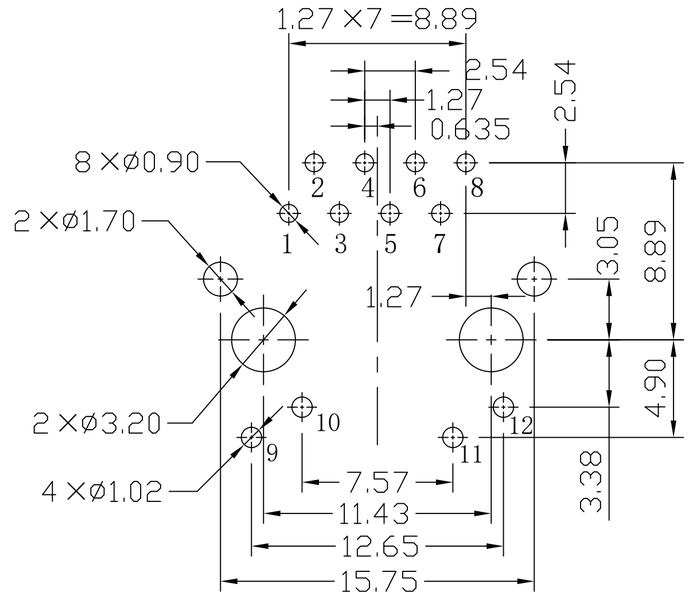
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		12/12/2008	



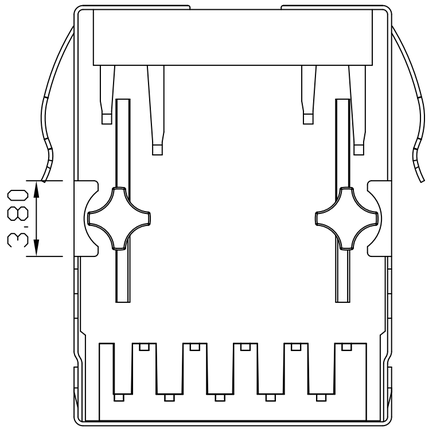
Front Side View



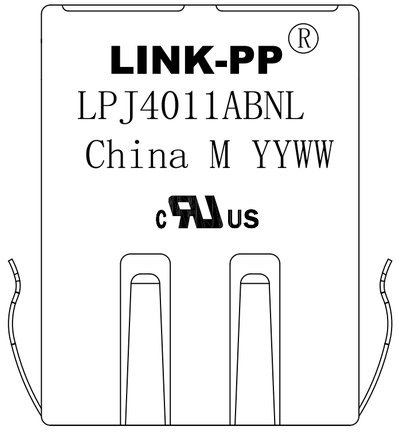
Left Side View



Suggested PCB Layout(Top View)



Bottom Side View



Top Side View

RoHS
2011/65/EU

NOTES:

1. Designed to support application, such as SOHO(ADSL modems), LAN-on-Motherboard(LOM), hub and Switches.
2. Meets IEEE802.3 specification
3. Connector Materials:
   Housing: Thermoplastic PBT+30%G.F UL94V-0
   Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
   Pins: Brass C2680R-H Thickness=0.35mm
   Shield: SUS 304-1/2H Thickness=0.2mm
   Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 250℃, 5 Sec.
5. UL Certification: File Number E484635.

X:X ±0.30	APPD: TOM	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD: JAMES	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
X:XXX ±0.05	DR: LEO	PART NO.: LPJ4011ABNL	
ANGLES ±1°	UNIT: mm	SCALE: 2/1	SHEET: 2/2 REV: A DWG NO.: LP08121226

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