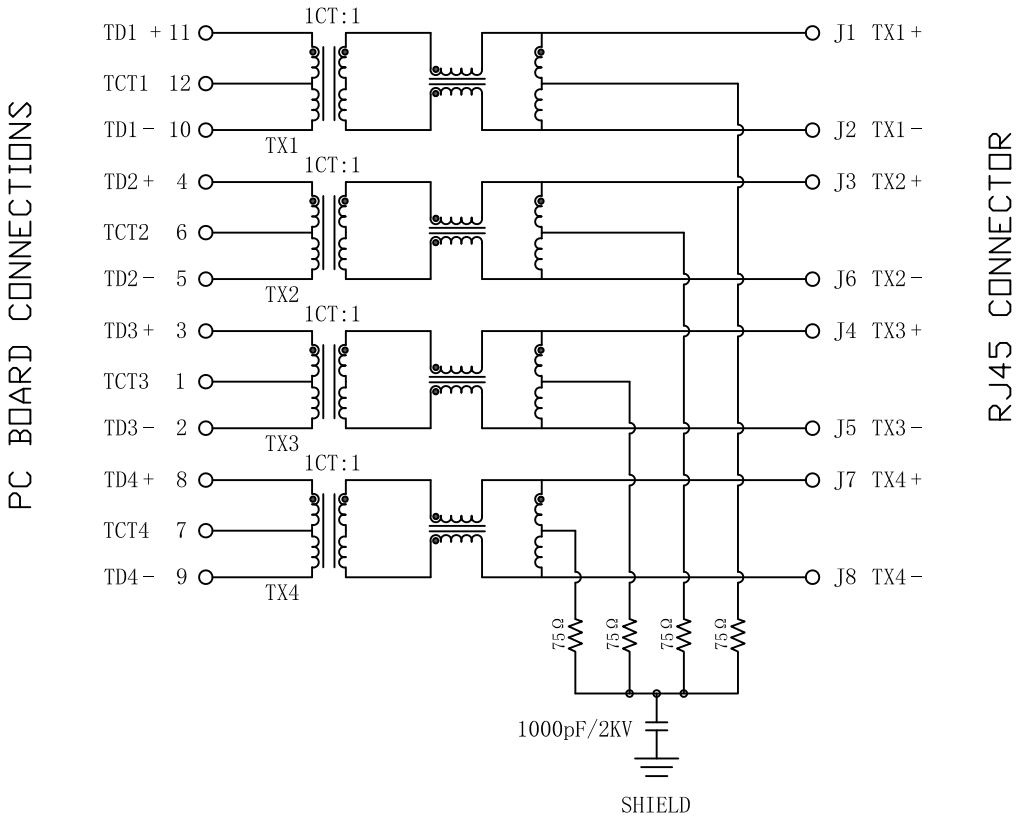
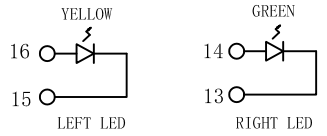
Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2008-08-12	



Electrical Specifications @25℃

1. Turns Ratio:
   (P11-P10)：(J1-J2) ： 1：1 ±2%
   (P4-P5)：(J3-J6) ： 1：1 ±2%
   (P3-P2)：(J4-J5) ： 1：1 ±2%
   (P8-P9)：(J7-J8) ： 1：1 ±2%
2. Inductance:
   (P11-P10);(P4-P5);(P3-P2); (P8-P9):
   350uH MIN.@ 100KHz,0.1V,8mA DC BIAS
3. Insertion Loss:
   1～100MHz:-1.0dB MAX
4. Return Loss(dB MIN):
   1～10MHz:-20 30MHz:-16
   60～80MHz:-12 80～100MHz:-10
5. Crosstalk(dB MIN):
   1～10MHz:-40 32～65MHz:-35
   65～100MHz:-30
6. Common To Common Mode(dB MIN):
   1～125MHz:-30 125～500MHz:-20
7. Hipot: 1500Vrms @60Hz
8. Operating Temperature: 0℃～70℃。



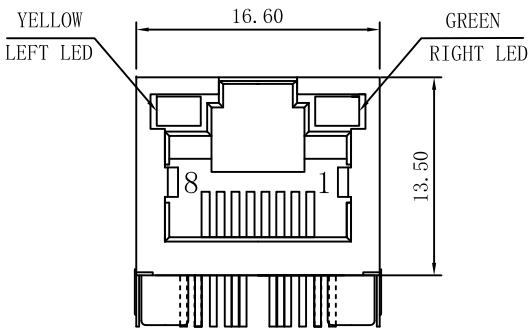
Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
YELLOW	585	1.8~2.6V	10μA max
GREEN	565	1.8~2.6V	10μA max

RoHS 2011/65/EC

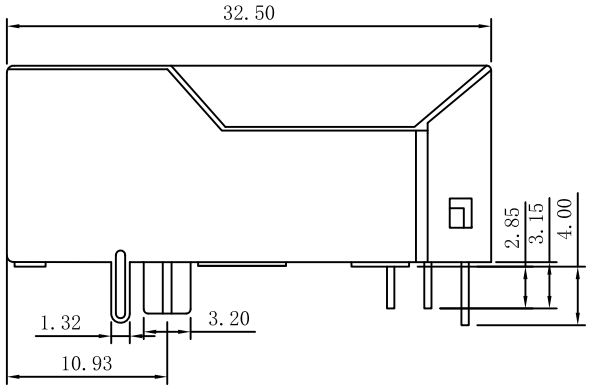
X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX ±0.25	CHKD:		
X:XXX ±0.05	DR: TOM	TITLE: RJ45 Connector with 1000 Base-T Integrated Magnetics	
ANGLES ±1°	UNIT: mm	PART NO.: LPJK0071BGNL	
	SCALE: 2/1	SHEET: 1/2	REV: A
			DWG NO.: LP08081266

Mechanical:

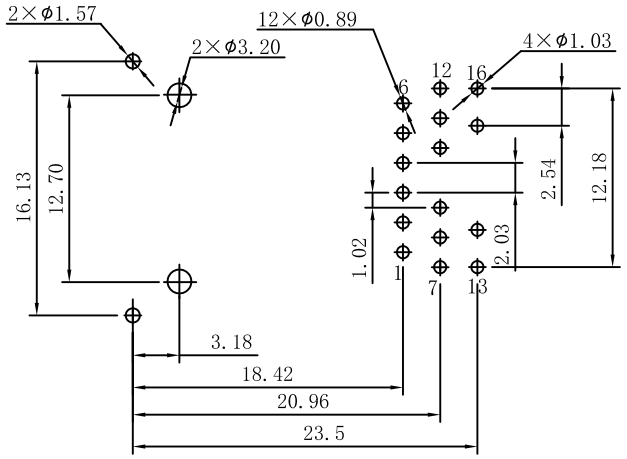
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2008-08-12	



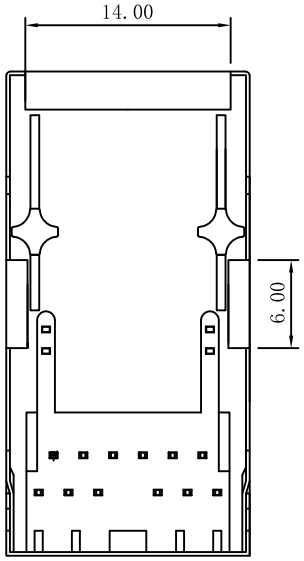
Front Side View



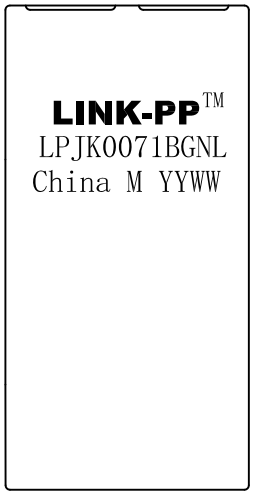
Left Side View



Suggested PCB Layout(Top View)



Bottom Side View



Top Side 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 peak temperature: 260℃ Max, 5Sec Max.
5. UL Certification: File Number E484635.

RoHS 2011/65/EC

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 Connector with 1000 Base-T Integrated Magnetics	
ANGLES ±1°	UNIT: mm	PART NO.: LPJK0071BGNL	
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP08081266