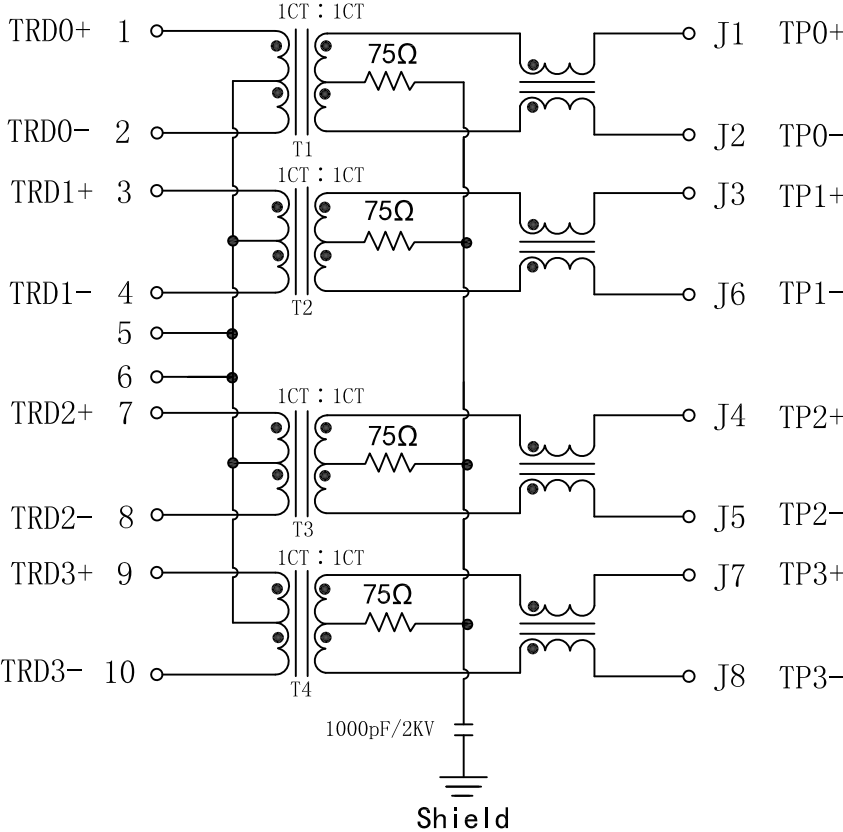


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/13	

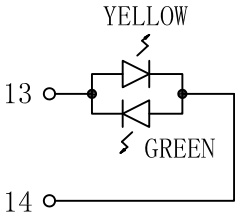
PCB CONNECTIONS



RJ45 CONNECTOR

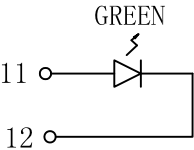
Electrical Specifications @25℃

- 1. Turns Ratio ($\pm 2\%$):
TX=1CT:1CT RX=1CT:1CT
- 2. OCL: 350uH Min
@100KHz 100mV With 8mA DC
- 3. Insertion Loss:
1-100MHz:-1.2dB MAX
- 4. Return Loss(dB MIN):
1-30MHz:-16 30-60MHz:-12
60-80MHz:-10
- 5. Crosstalk(dB MIN):
1-30MHz:-40 30-60MHz:-35
60-100MHz:-30
- 6. CMR(dB MIN):
1-60MHz:-43 60-100MHz:-35
- 7. Hipot: 1500V AC 6S 1mA
- 8. Operating Temperature: 0℃~70℃.



LEFT LED

LED POLARITY		COLOR
PIN 13	PIN 14	
+	-	YELLOW
-	+	GREEN



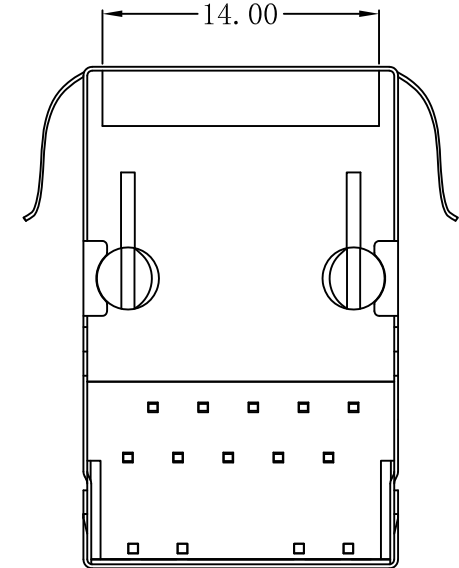
RIGHT LED

LED POLARITY		COLOR
PIN 11	PIN 12	
+	-	GREEN



X:X	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.10	CHKD:		
X:XXX	±0.05	DR: TOM	Title: RJ45 Connector With 1000 Base-TX Integrated Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: LPJG17301A9NL	
		SCALE: 2/1	SHEET: 1/2	REV: A DWG NO.: LP10121318

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2010/12/13	



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	±0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED			
X:XX	±0.10	CHKD:				
X:XXX	±0.05	DR: TOM	Title: RJ45 Connector With 1000 Base-TX Integrated Magnetic			
ANGLES	±1°	UNIT: mm	PART NO. : LPJG17301A9NL			
	SCALE:	2/1	SHEET:	2/2	REV: A	DWG NO. : LP10121318