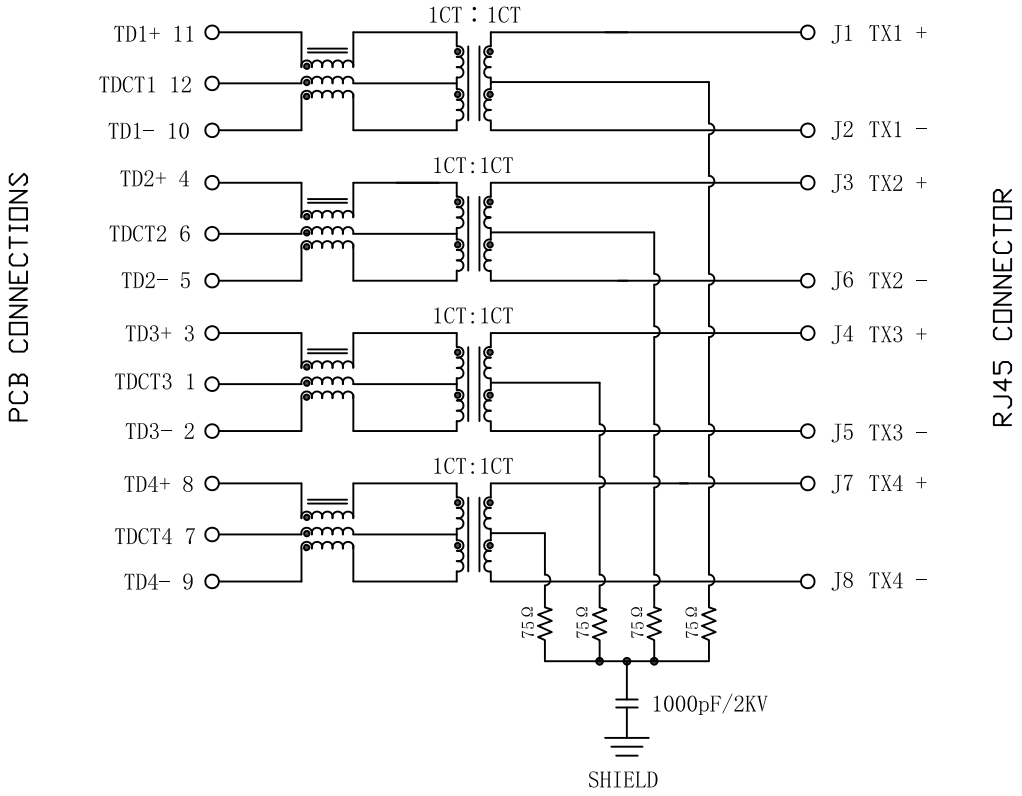
Schematic:

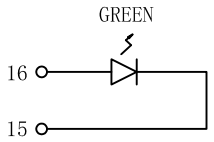
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/06/22	



Electrical Specification @25℃

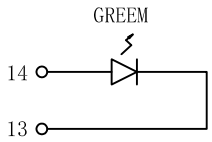
1. Turns Ratio (±2%):
   Pri : Sec = 1CT : 1CT
2. OCL: 350uH Min @100KHz/100mVrms
   8mA DC Bias
3. Insertion Loss(dB Max):
   1～100MHz:-1.2
4. Return Loss(dB Typ @100 OHMS±15%):
   1～10MHz:-18 30MHz:-18
   60～80MHz:-12 80～100MHz:-10
5. Crosstalk(dB Typ):
   1～10MHz:-40 32～65MHz:-35
   65～100MHz:-30
6. Common Mode Rejection:
   1～125MHz:-30dB Typ
7. Hipot: 1500Vrms
8. Operating Temperature: 0℃～70℃.

RoHS 2011/65/EU



LEFT LED

LED POLARITY		COLOR
PIN 15	PIN 16	
-	+	GREEN



RIGHT LED

LED POLARITY		COLOR
PIN 13	PIN 14	
-	+	GREEN

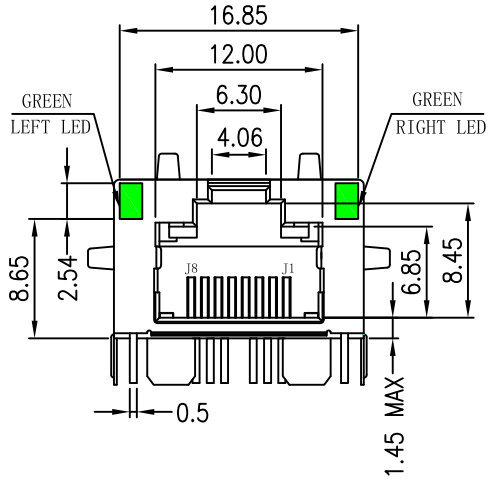
Emitting Color	λp(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10μA max

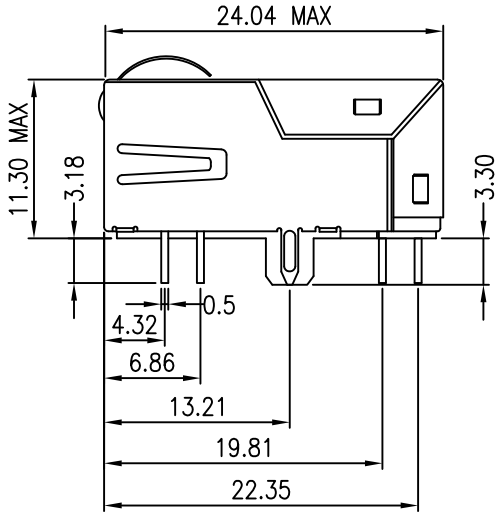
X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.25	CHKD:	
X:XXX	±0.05	DR: TOM	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetic
ANGLES	±1°	UNIT: mm	PART NO.: LPJK7436AWNL
		SCALE: 2/1	SHEET: 1/2 REV: A DWG: LP13062243

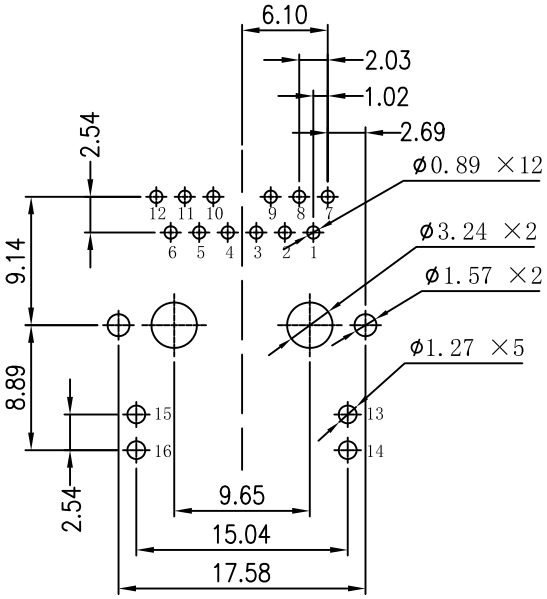
LINK-PP Website: http://www.link-pp.com Email: info@link-pp.com Tel: +86-0752-3322916 Fax: +86-0752-3161926

Mechanical:

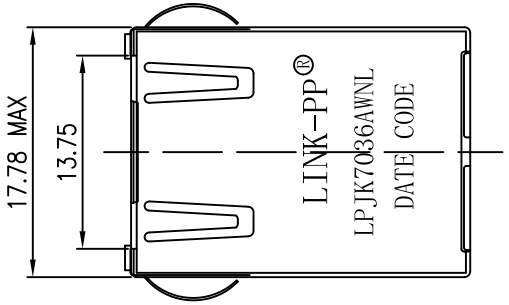
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/06/22	







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

RoHS 2011/65/EU

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-TX Integrated Magnetic
ANGLES	±1°	UNIT: mm	PART NO.: LPJK7436AWNL
		SCALE: 2/1	SHEET: 2/2 REV: A DWG: LP13062243