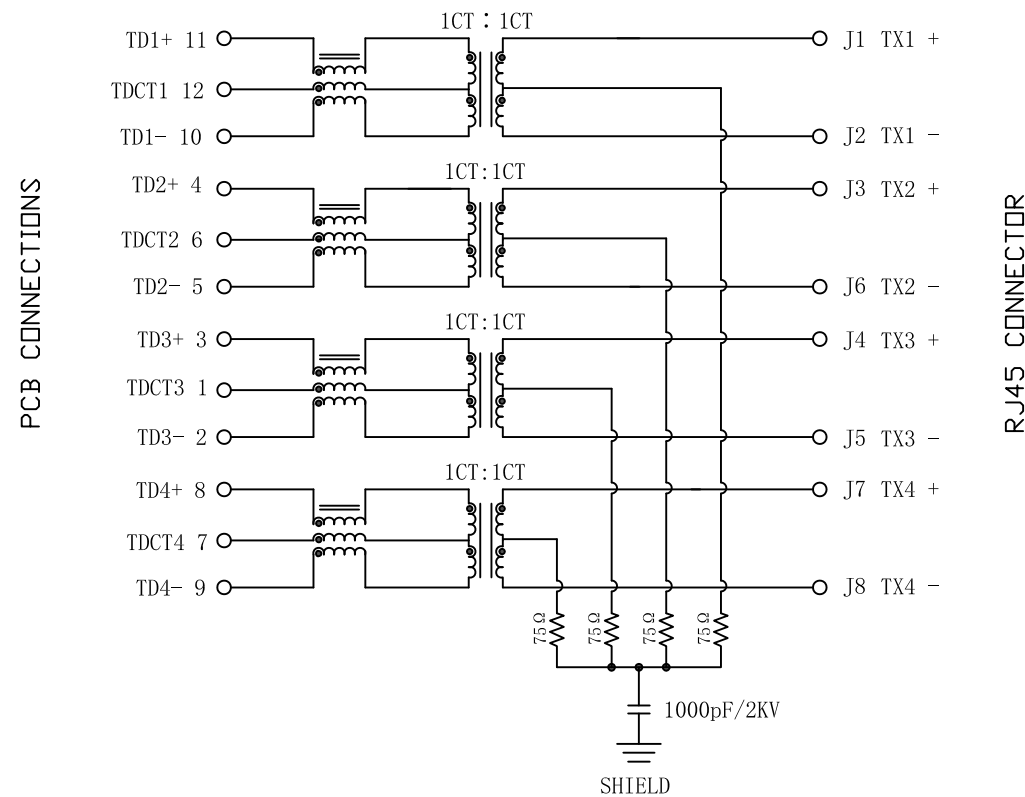


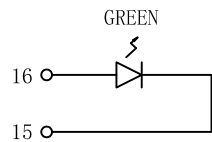
Schematic:

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



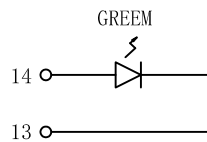
Electrical Specification @25°C

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



LEFT LED

LED POLARITY		COLOR
PIN 15	PIN 16	
-	+	GREEN



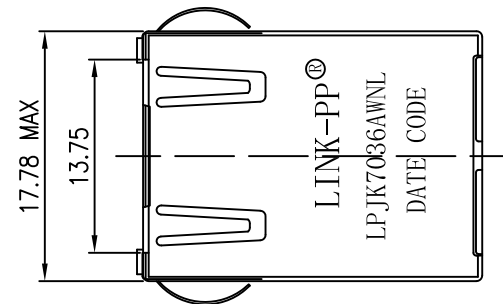
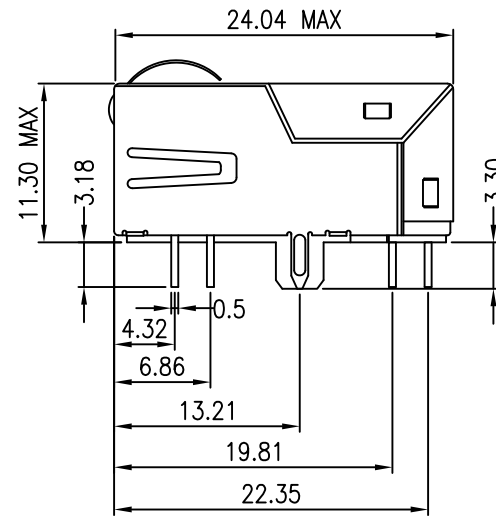
RIGHT LED

LED POLARITY		COLOR
PIN 13	PIN 14	
-	+	GREEN

Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μ A 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	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJK7436AWNL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG: LP13062243

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



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°C, 5Sec.
5. 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: 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