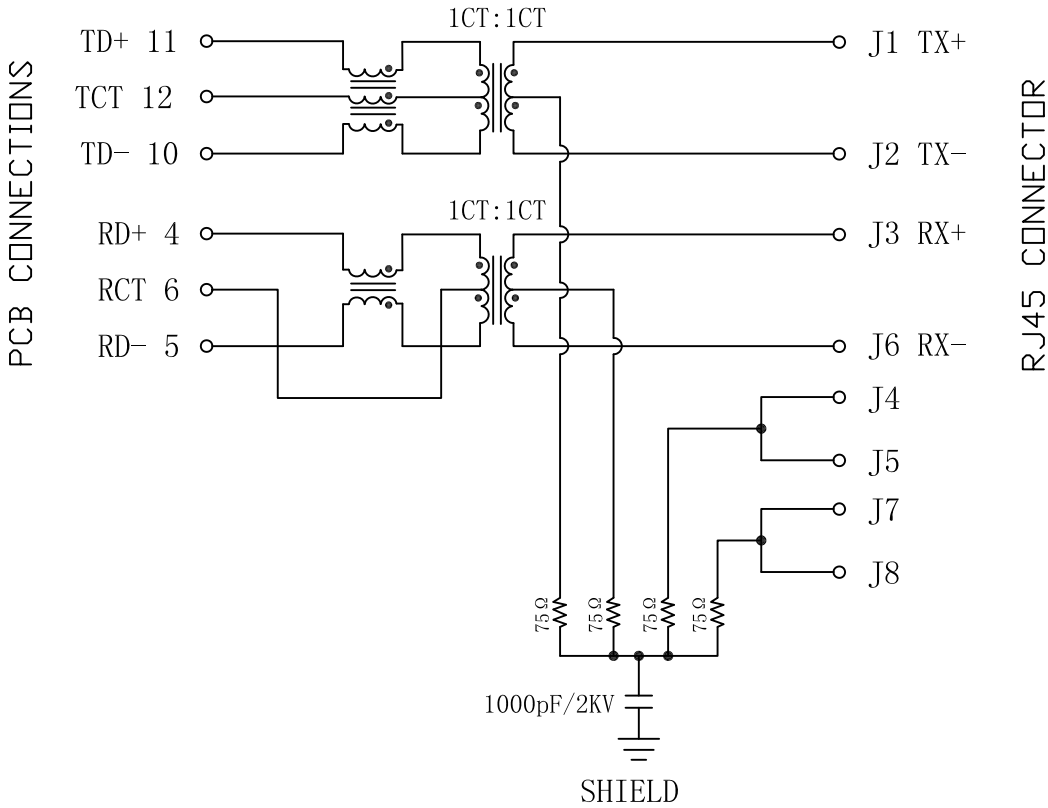
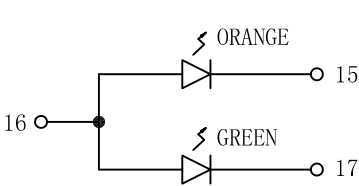


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/04/18	

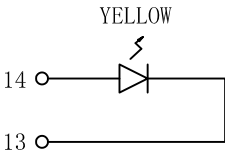


- Electrical Specifications @25°C
- 350uH min OCL with 8mA bias current.
 - Turns Ratio($\pm 3\%$):
TX=1CT:1CT RX=1CT:1CT
 - Insertion Loss:
1-100MHz:-1.0dB MAX
 - Return Loss(@100Ω $\pm 15\Omega$):
1-10MHz:-18dB TYP
30MHz:-18dB TYP
60-80MHz:-12dB TYP
80-100MHz:-10dB TYP
 - Crosstalk(dB TYP):
1-10MHz:-40
32-65MHz:-35
65-100MHz:-30
 - CMR(dB MIN):
1-125MHz:-30
 - Hipot:1500Vrms MIN
 - Operating Temperature: 0°C ~+70°C.



LEFT LED

LED POLARITY			COLOR
PIN 15	PIN 16	PIN 17	
-	+		ORANGE
	+	-	GREEN



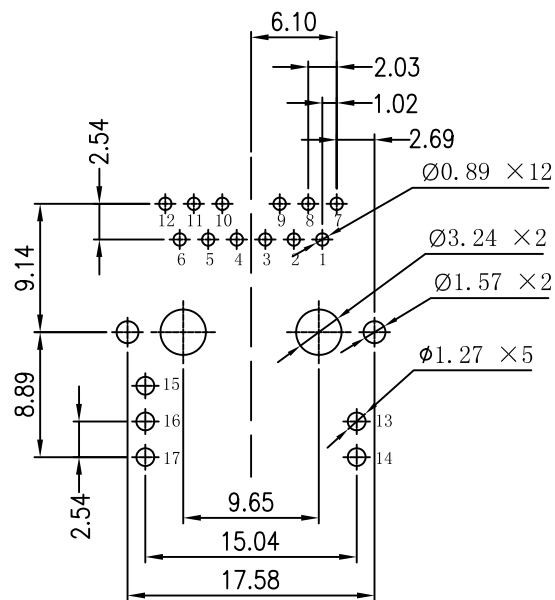
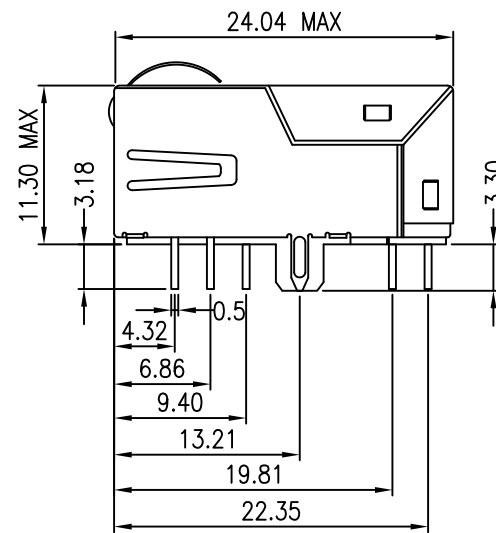
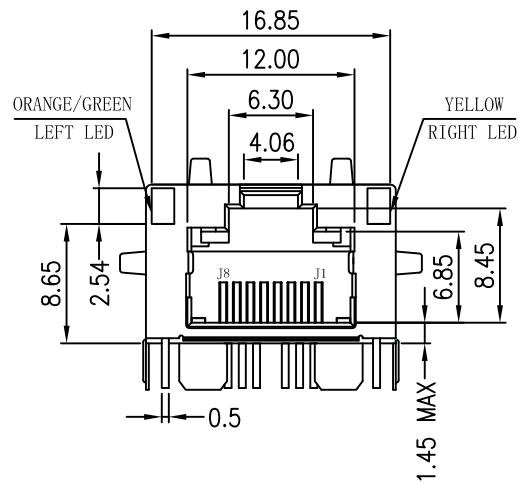
RIGHT LED

LED POLARITY		COLOR
PIN 13	PIN 14	
-	+	YELLOW

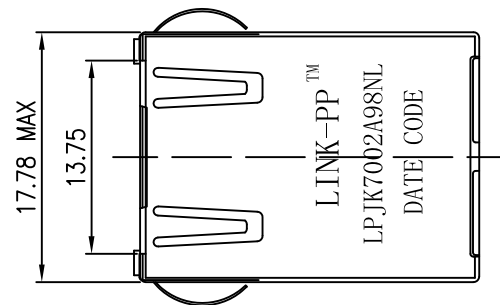
Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
ORANGE/GREEN	610/565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max

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 10/100 Base-TX Integrated Magnetic	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJK7002A98NL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG: LP13041815

Mechanical:



SUGGESTED PCB LAYOUT(TOP VIEW)



REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/04/18	

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.



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 10/100 Base-TX Integrated Magnetic	
ANGLES	±1°	UNIT: mm	PART NO.: LPJK7002A98NL	
		SCALE: 2/1	SHEET: 2/2	REV: A DWG: LP13041815