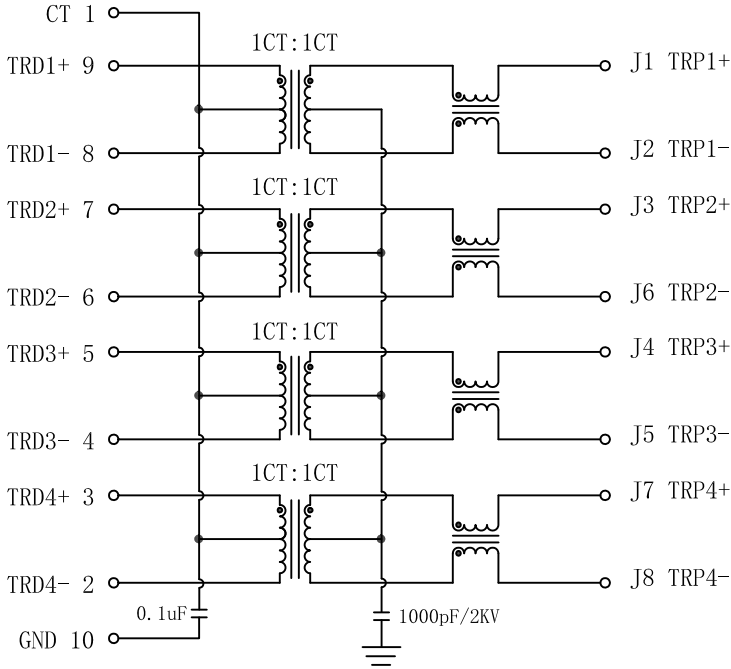


Schematic:

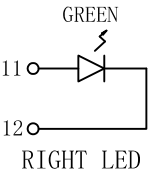
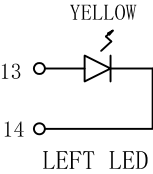
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016-08-24	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

- Electronics Specifications @25°C
1. TURNS RATIO($\pm 3\%$):
Pri : Sec = 1CT : 1CT
 2. OCL(@100KHz, 0.1V, 8mA): 350uH MIN
 3. HIPOT(Isolation Voltage): 1500Vrms
 4. INSERTION LOSS:
-1.1dB MAX @ 1MHz TO 100MHz
 5. RETURN LOSS(100 OHMS $\pm 15\%$):
-18dB MIN @ 1MHz TO 40MHz
-14dB MIN @ 60MHz
-12dB MIN @ 80MHz
-10dB MIN @ 100MHz
 6. CROSS TALK:
-40dB MIN @ 1MHz TO 30MHz
-30dB MIN @ 30MHz TO 60MHz
 7. CM TO CM REJ:
-20dB MIN @ 1MHz TO 100MHz
 8. OPERATING TEMPERATURE RANGE: -40°C ~ +85°C.



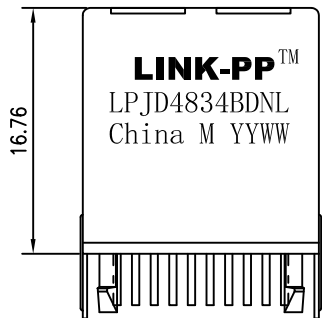
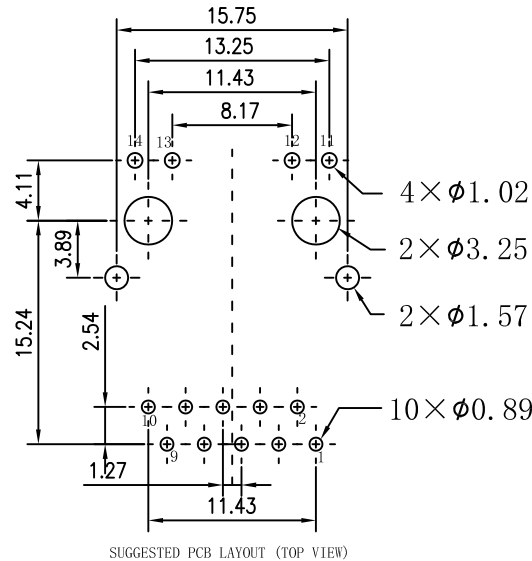
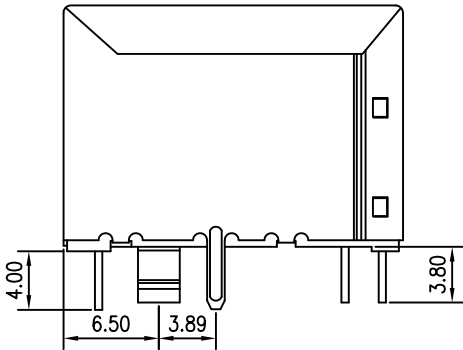
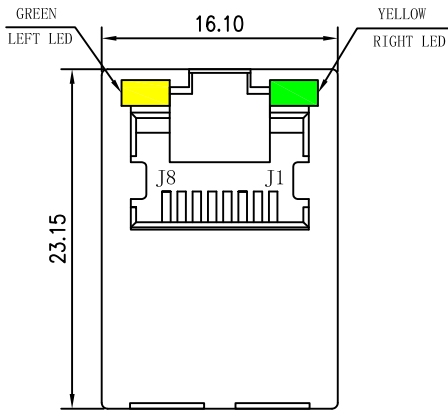
Emitting Color	λ_p (nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.4V	10 μ A max
YELLOW	585	1.8~2.4V	10 μ A max



X:X	± 0.25	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.20	CHKD:		
X:XXX	± 0.05	DR: TOM	TITLE: Vertical RJ45 Connector with 1000 Base-TX Integrated Magnetics	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO. : LPJD4834BDNL	
		SCALE: 2/1	SHEET: 1/2	REV: A
		DWG NO. : LP16082423		

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2016-08-24	



NOTES:

- 1.Meets IEEE 802.3 specification
- 2.Connector Materials:
Housing:Thermoplastic UL94V-0
Contact/Shield: Copper alloy
Shield plating: Nickel
Contact plating: Gold 6 micro-inches min.In contact area.
- 3.Wave solder tip temperature: 265°C Max,5 Sec Max
- 4.UL Certification: File Number E484635.



X:X	±0.25	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.20	CHKD:		
X:XXX	±0.05	DR: TOM	TITLE: Vertical RJ45 Connector with 1000 Base-TX Integrated Magnetics	
ANGLES	±1°	UNIT: mm	PART NO. : LPJD4834BDNL	
		SCALE: 2/1	SHEET: 2/2	REV: A
		DWG NO. : LP16082423		