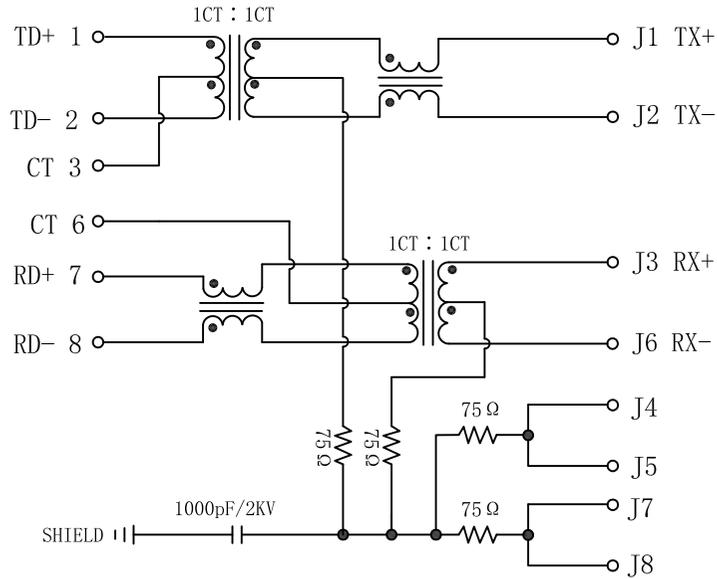


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-01-22	

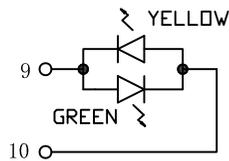
PCB SIDE TO PHY



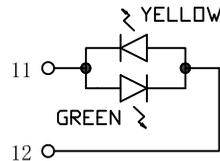
CABLE SIDE

Electrical Specifications @25°C

- Turns Ratio:
TX=1CT:1CT RX=1CT:1CT
- Inductance OCL: 350uH Min
@100KHz, 0.1V, 8mA
- Insertion Loss:
1-65MHz:-1.0dB Max
- Return Loss(dB Min):
1-30MHz:-18; 40MHz:-16;
50MHz:-12; 60MHz:-10
- Crosstalk(dB Min):
30MHz:-40; 60MHz:-35;
100MHz:-30.
- Common Mode Rejection:(dB Min):
30MHz:-30; 60MHz:-20;
100MHz:-20
- Hipot: 1500Vrms
- Operating Temperature: 0°C-70°C.



LEFT LED



RIGHT LED

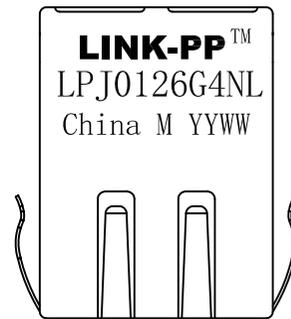
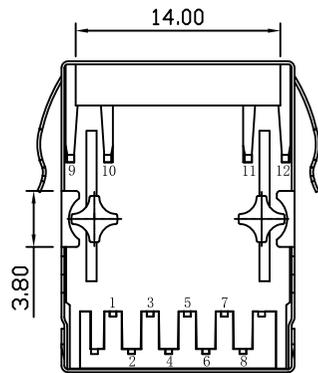
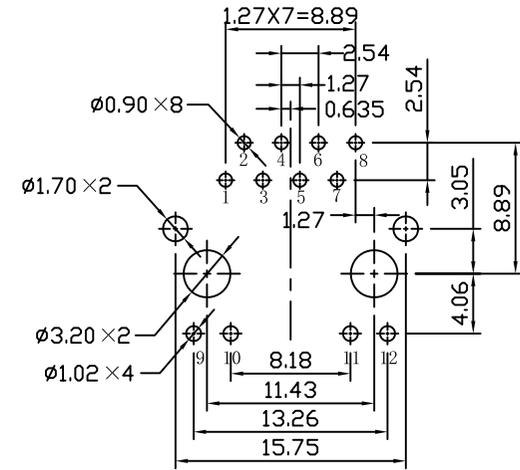
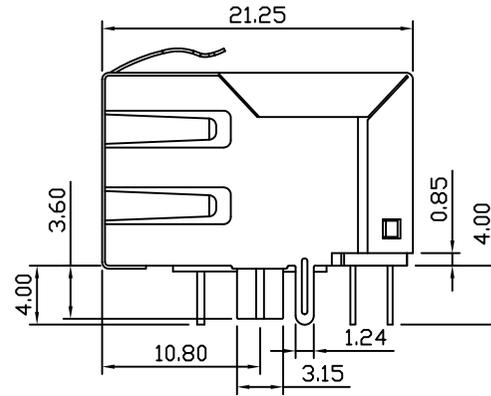
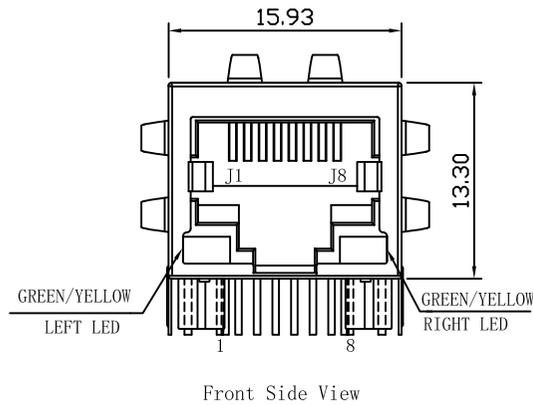
Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	1.8~2.6V	10 μ A max



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-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO. : LPJ0126G4NL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO. : LP10032028

Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2015-01-22	



NOTES:

1. Designed to support application, such as SOHO (ADSL modems), LAN-on-Motherboard (LOM), hub and Switches.
2. Meets IEEE802.3 specification
3. Connector Materials:
 Housing: Thermoplastic PBT+30%G.F UL94V-0
 Contact: Phosphor Bronze C5210R-EH Thickness=0.35mm
 Pins: Brass C2680R-H Thickness=0.35mm
 Shield: SUS 201-1/2H Thickness=0.2mm
 Contact plating: Gold 6 micro-inches min. In contact area.
4. Wave solder tip temperature: 265°C Max, 5 Sec.
5. UL Certification: File Number E484635.

X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: RJ45 Connector with 10/100 Base-T Integrated Magnetics	
X:XXX	±0.05	DR: TOM	PART NO.: LPJ0126G4NL	
ANGLES	±1°	UNIT: mm		
	SCALE: 2/1	SHEET: 2/2	REV: A	DWG NO.: LP10032028