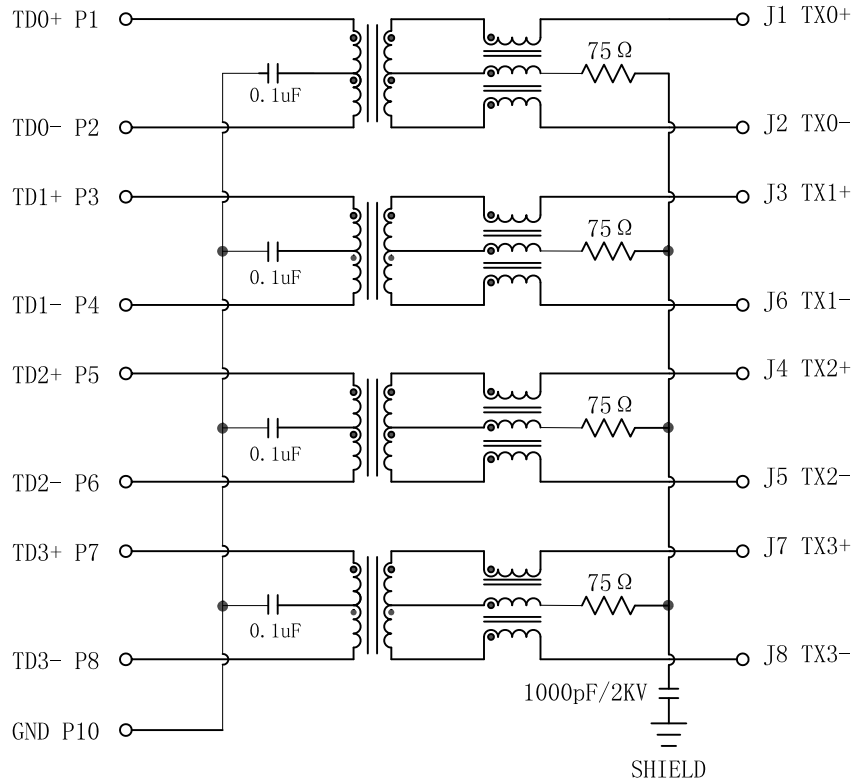


# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-11-20	

PCB CONNECTIONS



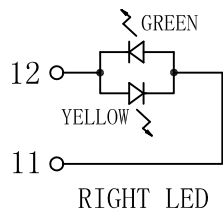
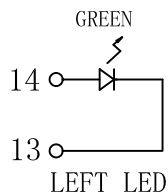
RJ45 CONNECTOR

## Electrical Specifications @25°C

- Turns Ratio:  
PRI:SEC = 1CT:1CT ±2%
- OCL:  
350uH MIN @ 100KHz, 100mV, 8mADC
- Insertion Loss:  
1~100MHz:-1.0dB MAX
- Return Loss (dB MIN):  
1~30MHz:-18                      30~60MHz:-14  
60~80MHz:-12
- Crosstalk (dB TYP):  
1~30MHz:-40                      30~60MHz:-35  
60~80MHz:-30
- Differential to Common Mode Rejection:  
1~50MHz: -30dB TYP  
50~150MHz: -20dB TYP
- CMRR: 1~100MHz:-30dB MIN
- Isolation: 1500Vrms MIN
- Operating Temperature Range: -40°C ~ +85°C.



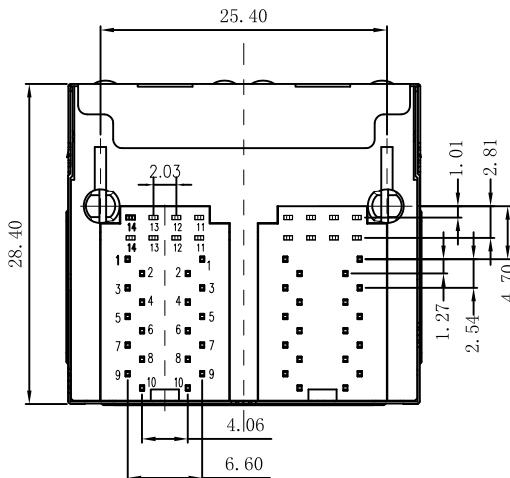
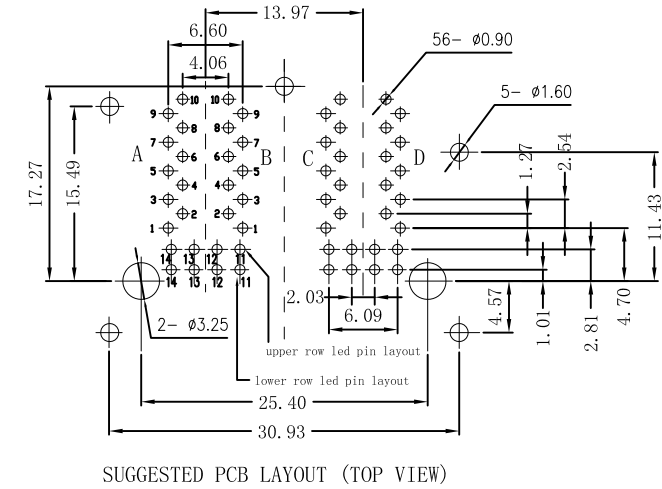
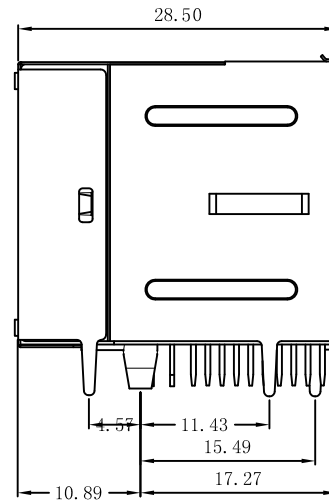
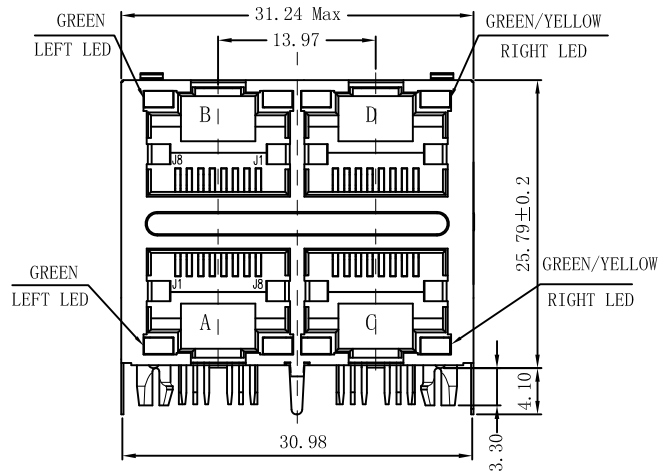
Emitting Color	λp(nm)	V <sub>F</sub> @I <sub>F</sub> =20mA	I <sub>R</sub> @V <sub>R</sub> =5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max



X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX ±0.25	CHKD:	
X:XXX ±0.05	DR: TOM	TITLE: 2*2 RJ45 Connector with 1000 Base-T Integrated Magnetics
ANGLES ±1°	UNIT: mm	PART NO.: LPJG27664B92NL
	SCALE: 2/1	SHEET: 1/3
	REV: A	DWG NO.: LP18112018

# Mechanical:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-11-20	



## NOTES:

1. Meets IEEE 802.3 specification
2. Connector Materials:

Housing Material: Thermoplastic PBT+30%G.F UL94V-0

Contact Material: Phosphor Bronze C5210R-EH Thickness=0.35mm

Pins: Brass C2680R-H Thickness=0.35mm

Shield: Copper alloy Brass H65Y Thickness=0.20mm

Shield plating: Nickel

Contact plating: Gold 6 micro-inches min. In contact area.

3. Wave solder tip temperature: 265°C Max, 5 Sec.
4. UL Certification: File Number E484635.



X:X	±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	±0.25	CHKD:	TITLE: 2*2 RJ45 Connector with 1000 Base-T Integrated Magnetics	
X:XXX	±0.05	DR: TOM	PART NO.: LPJG27664B92NL	
ANGLES	±1°	UNIT: mm	DWG NO.: LP18112018	
	SCALE: 2/1	SHEET: 2/3	REV: A	