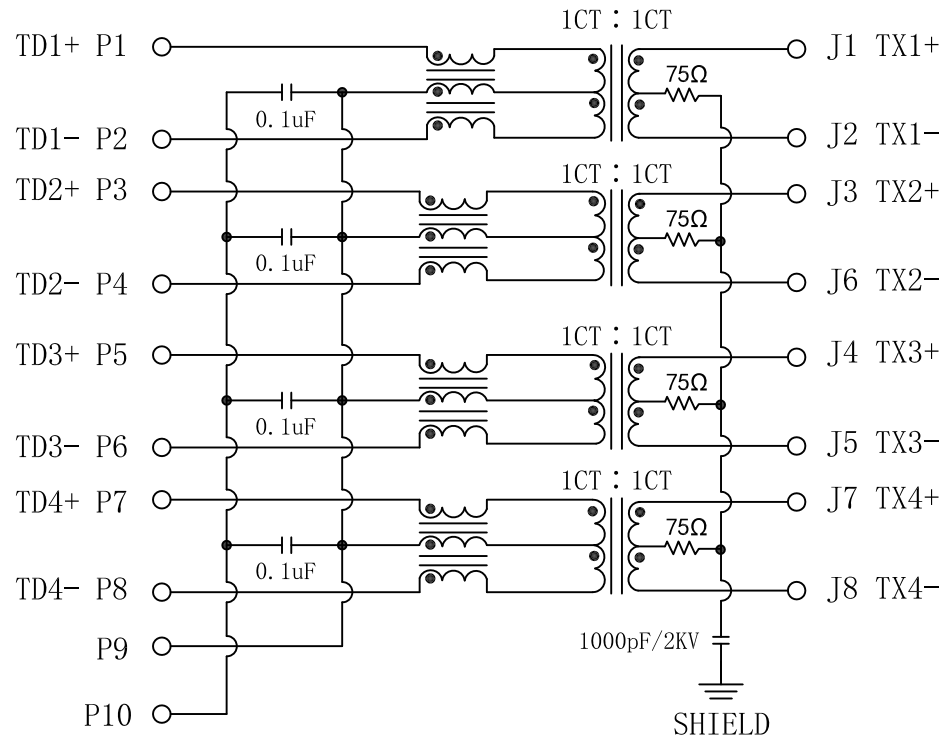


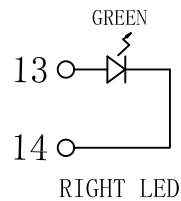
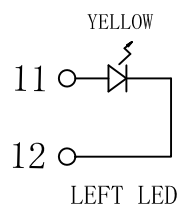
# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-10-10	



## Electrical Specifications @25°C

- Turns Ratio:  
Pri : Sec = 1CT : 1CT ±3%
- OCL: 350uH MIN  
@100KHz, 100mV, 8mA DC Bias
- Insertion Loss:  
1~100MHz: -1.0dB MAX
- Return Loss (dB MIN):  
1~30MHz: -20      30~60MHz: -15  
60~80MHz: -10
- Crosstalk:  
1~100MHz: -30dB Min
- Common to Common Mode Rejection:  
1~100MHz: -30dB MIN
- Hipot: 1500Vrms MIN
- Operating Temperature: 0°C~70°C.



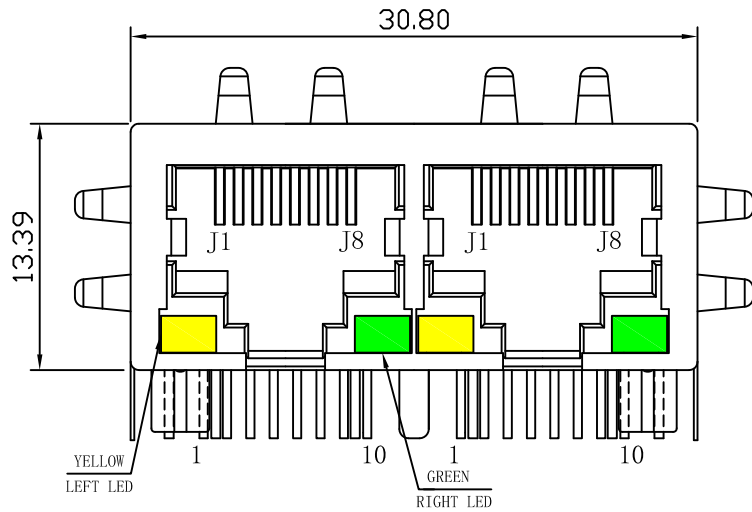
Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μA max
YELLOW	585	1.8~2.6V	10 μA max



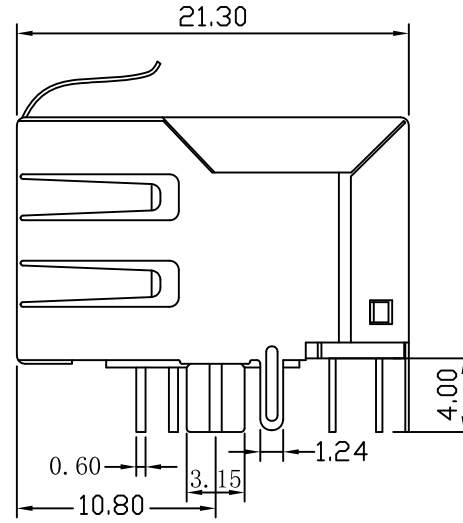
X:X ±0.30	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED		
X:XX ±0.25	CHKD:			
X:XXX ±0.05	DR: TOM	TITLE: 1*2 RJ45 Connector with 1000 BASE-T Integrated Magnetics		
ANGLES ±1°	UNIT: mm	PART NO.: LPJG26849ADNL		
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP18101001

Mechanical:

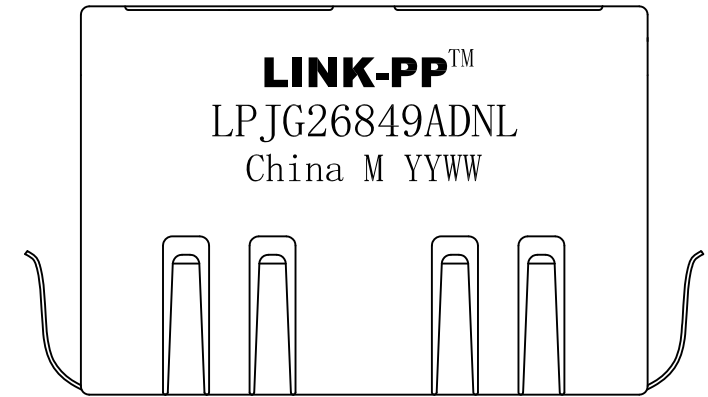
REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2018-10-10	



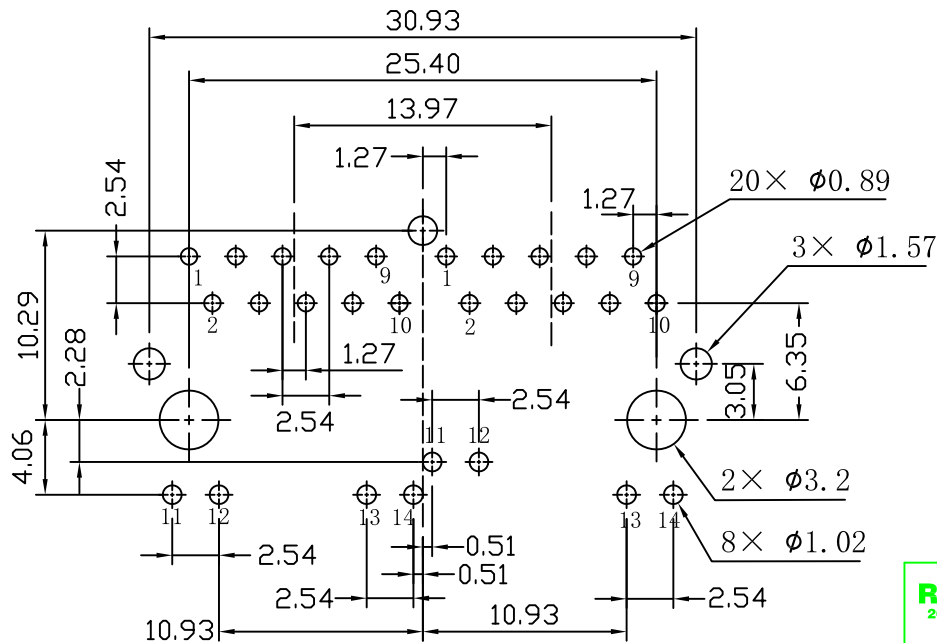
Front Side View



Left Side View



Top Side View



SUGGESTED PCB LAYOUT (TOP VIEW)



NOTES:

- Meets IEEE 802.3 specification
- 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: SUS 201-1/2H Thickness=0.2mm  
 Contact plating: Gold 6 micro-inches min. In contact area.
- Wave solder tip temperature: 265°C Max, 5 Sec.
- 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: 1*2 RJ45 Connector with 1000 BASE-T Integrated Magnetics
ANGLES ±1°	UNIT: mm	PART NO.: LPJG26849ADNL
	SCALE: 2/1	SHEET: 2/2
	REV: A	DWG NO.: LP18101001