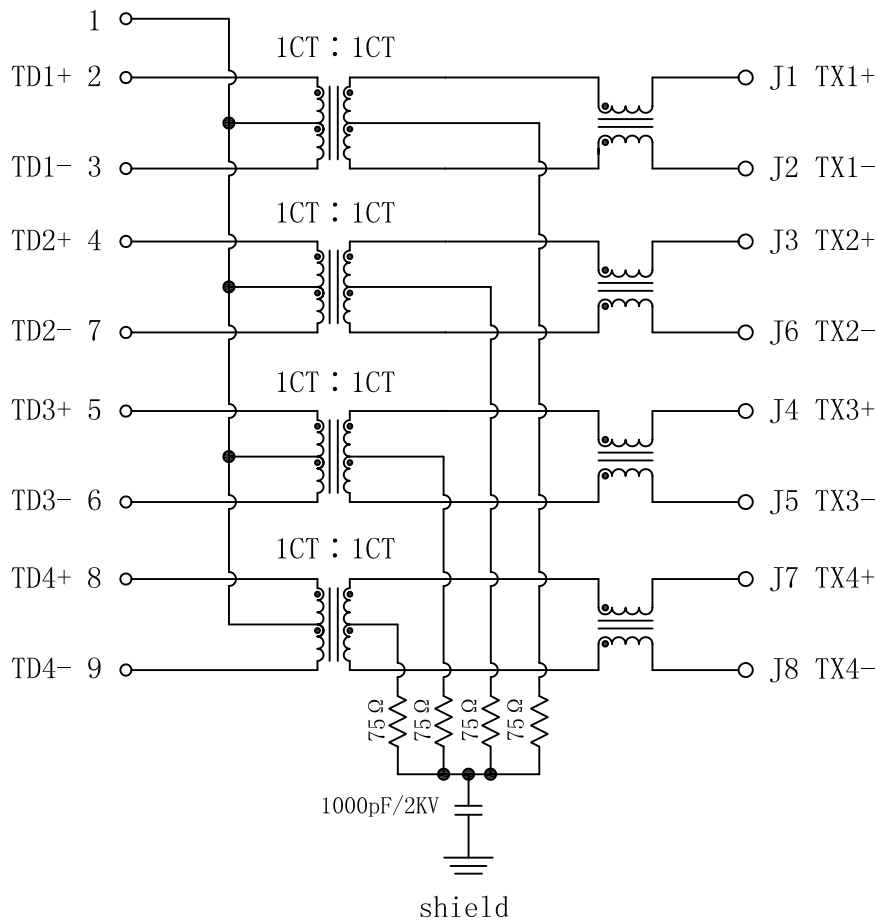


# Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/09/04	

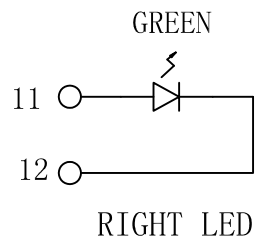
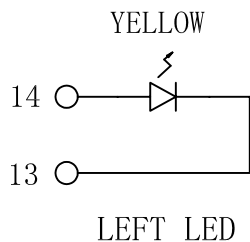
PCB CONNECTIONS



RJ45 CONNECTOR

## Electrical Specifications @25°C

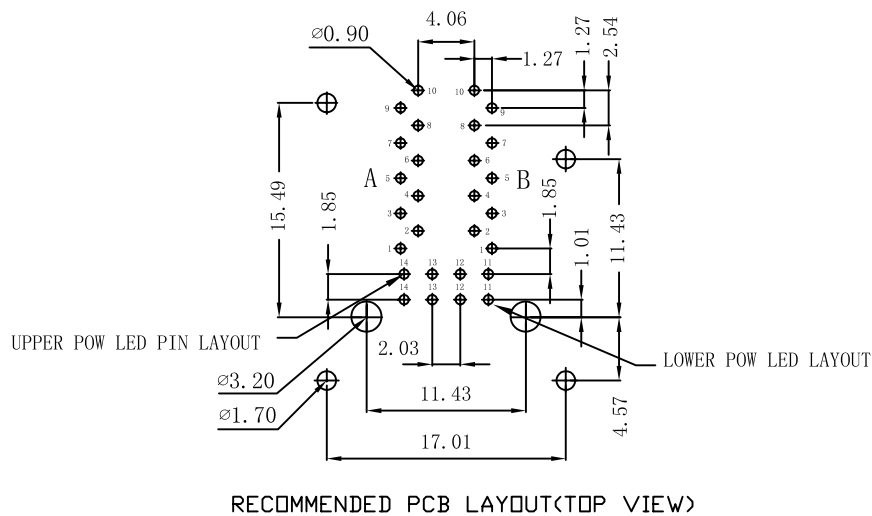
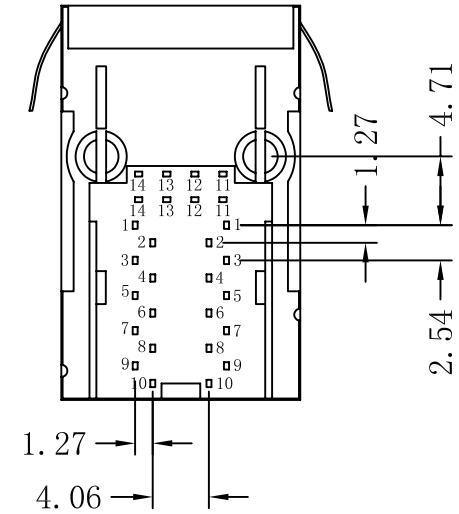
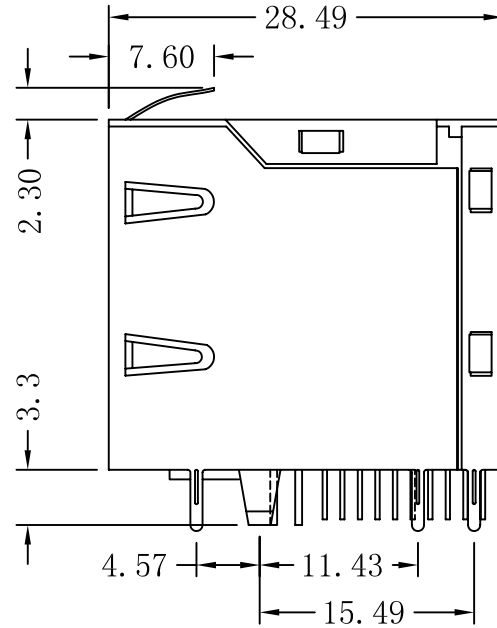
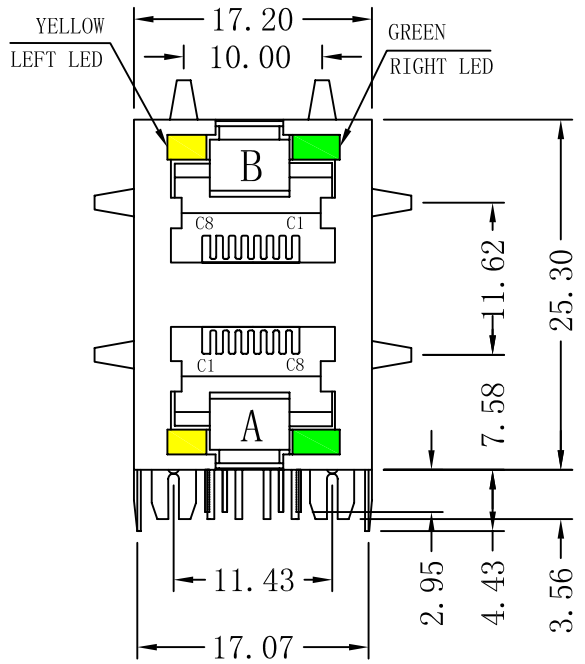
- Turns Ratio: 1CT : 1CT  $\pm 2\%$
- 0CL: 350uH MIN  
@ 100KHz, 100mV, 8mA DC Bias
- Insertion Loss:  
1~60MHz: -1.0dB MAX  
60~100MHz: -1.1dB MAX
- Return Loss (dB MIN):  
0.3~30MHz: -18      40~60MHz: -14  
80~100MHz: -12
- Crosstalk (dB MIN):  
1~10MHz: -35      15~60MHz: -26  
60~100MHz: -24
- Common Mode Rejection:  
1~60MHz: -40dB MIN  
60~100MHz: -30dB MIN
- Hipot: 1500Vrms MIN
- Operating Temperature: 0°C ~ 70°C.



X:X	$\pm 0.25$	APPD:	<b>LINK-PP</b>	
X:XX	$\pm 0.15$	CHKD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XXX	$\pm 0.05$	DR: TOM	TITLE: RJ45 2x1 w/Transformer 1000 Base-T w/LED	
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJG17510AANL	
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG NO.: LP13090402

# Mechanical :

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/09/04	



## 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 solder tip temperature: 265°C Max  
 Wave solder tip temperature time: 5 Sec Max



X:X	±0.25	APPD:	<b>LINK-PP</b> LINK-PP INT'L TECHNOLOGY CO., LIMITED
X:XX	±0.15	CHKD:	
X:XXX	±0.05	DR: TOM	TITLE: RJ45 2×1 w/Transformer 1000 Base-T w/LED
ANGLES	±1°	UNIT: mm	PART NO.: LPJG17510AANL
	SCALE: 2/1	SHEET: 2/2	REV: A DWG NO.: LP13090402