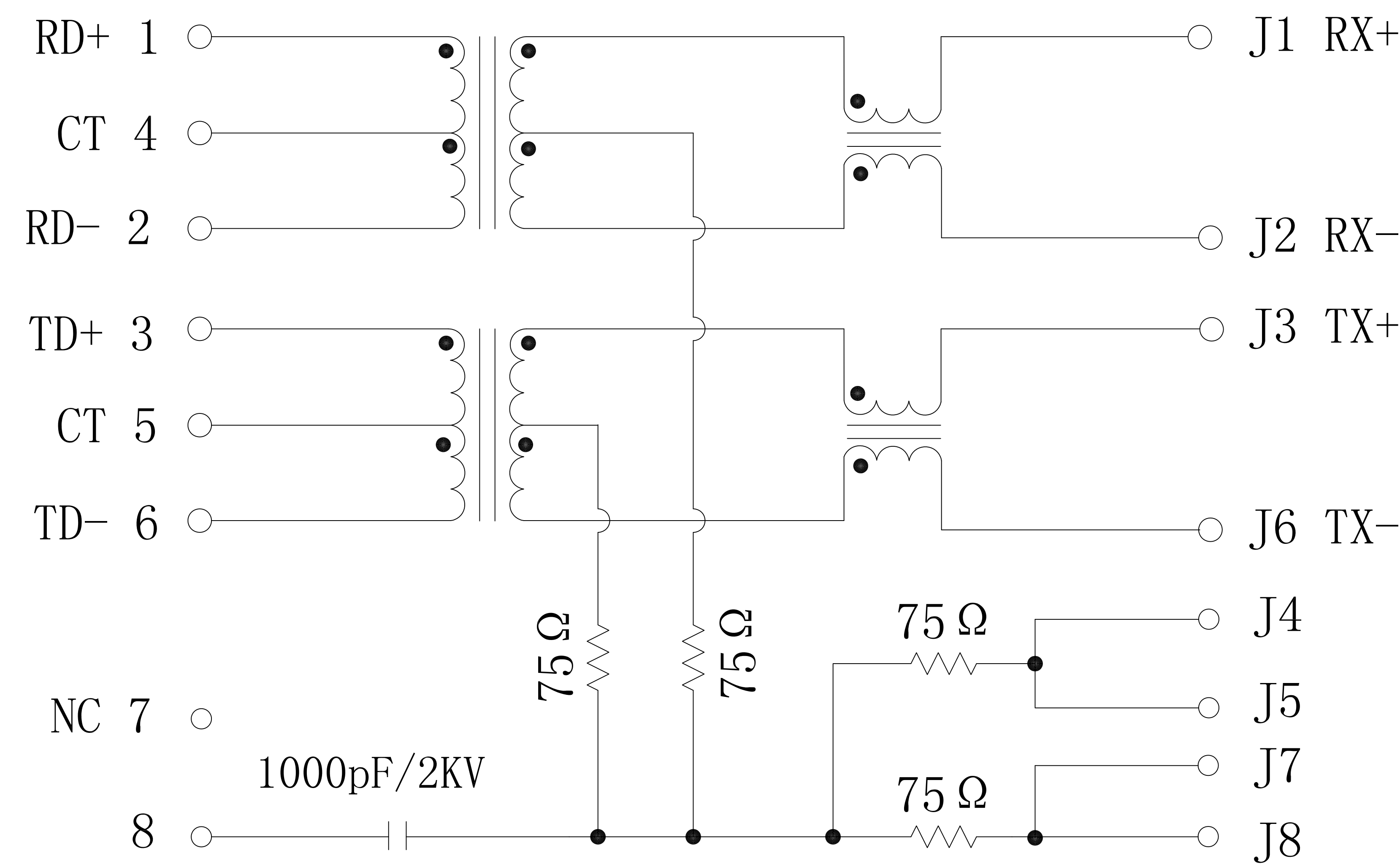


Schematic:

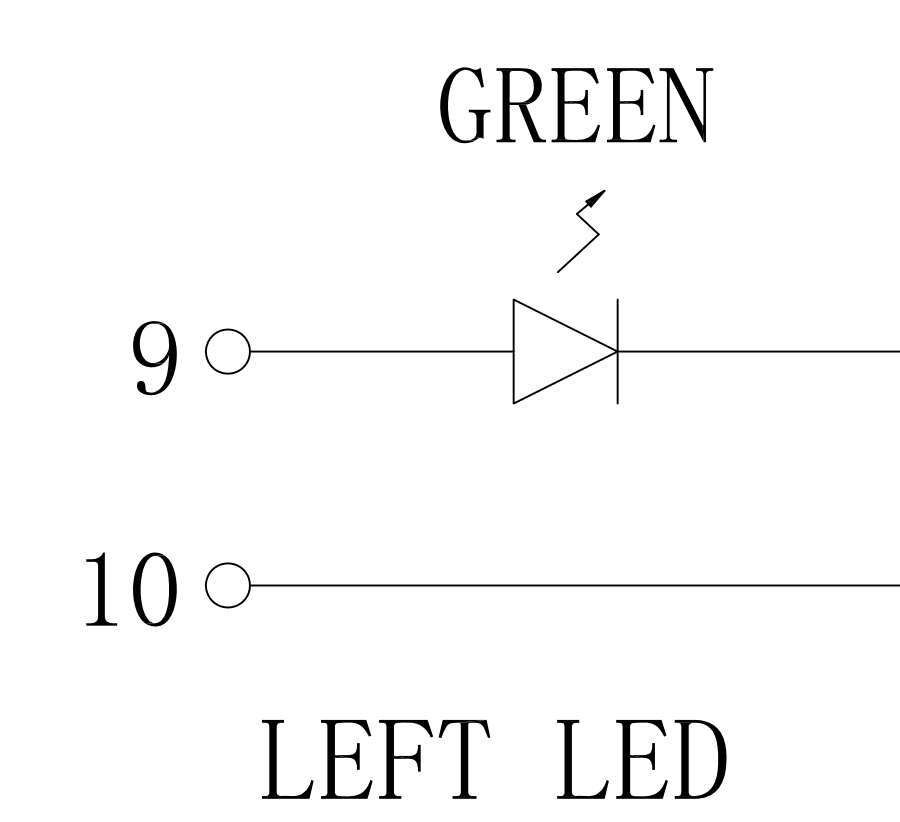
PCB CONNECTIONS



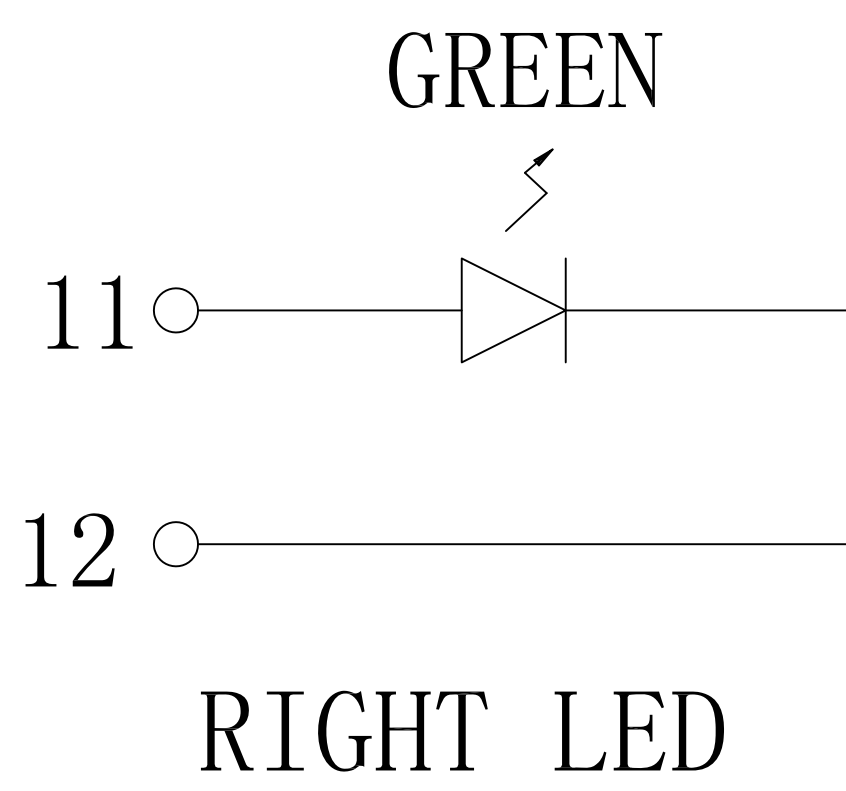
RJ45 CONNECTOR

Electrical Specification @25℃

- 1. Turns Ratio ($\pm 2\%$) :
TX=1CT:1CT RX=1CT:1CT
- 2. OCL: 350uH Min
@100KHz, 0.1V, 8mA DC Bias
- 3. Insertion Loss:
1~100MHz:-1.0dB Max
- 4. Return Loss(dB Min) :
1~30MHz:-16 30~60MHz:-12
60~80MHz:-10
- 5. Crosstalk(dB Min) :
1~30MHz:-40 30~60MHz:-35
60~100MHz:-30
- 6. Common Mode Rejection(dB Min):
1~50MHz:-40 50~150MHz:-30
- 7. Hipot: 1500V AC 6S 1mA
- 8. Operating Temperature: -40℃~+85℃.



LED POLARITY		COLOR
PIN 9	PIN 10	
+	-	GREEN



LED POLARITY		COLOR
PIN 11	PIN 12	
+	-	GREEN

Emitting Color	λ_p (nm)	V _F @I _F =20mA	I _R @V _R =5V
GREEN	565	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-TX Integrated Magnetic			
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJ46404AFNL			
	SCALE: 2/1	SHEET: 1/2	REV: A	DWG: LP07081123		

