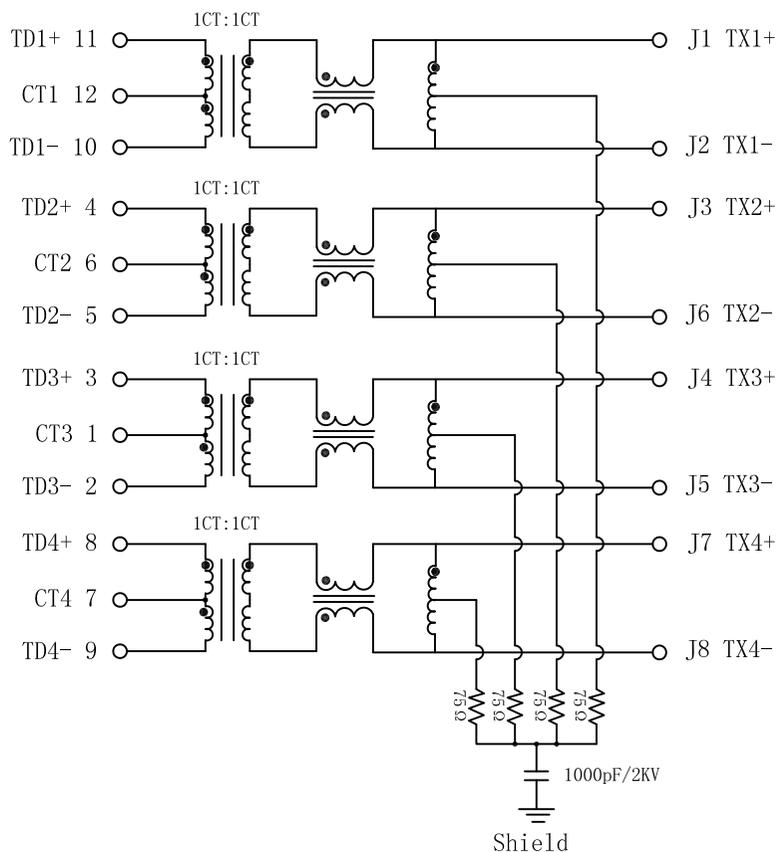


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2013/06/14	

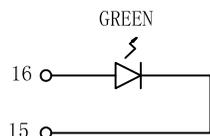
PCB CONNECTIONS



RJ45 CONNECTOR

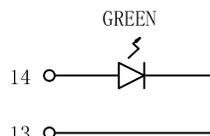
Electrical Specification @25°C

- Turns Ratio ($\pm 2\%$) : 1CT : 1CT
- OCL: 350uH Min @100KHz/100mVrms
8mA DC Bias (0°C~70°C)
- Insertion Loss(dB Max):
0.5~100MHz:-1.1
- Return Loss(dB Min @100 OHMS $\pm 15\%$):
0.5~40MHz:-18
40.1~100MHz:-[12-20LOG(f/80MHz)]
- Crosstalk(dB Min):
0.5~40MHz:-35
40.1~100MHz:-[33-20LOG(f/50)]
- CMRR(dB Min):
0.5~100MHz:-30
- Hipot: 1500Vrms
- Operating Temperature: 0°C~+70°C.



LEFT LED

LED POLARITY		COLOR
PIN 16	PIN 15	
+	-	GREEN



RIGHT LED

LED POLARITY		COLOR
PIN 14	PIN 13	
+	-	GREEN



X:X	± 0.20	APPD:	LINK-PP INT'L TECHNOLOGY CO., LIMITED	
X:XX	± 0.10	CHKD:	TITLE: RJ45 Connector With 1000 Base-TX Integrated Magnetic	
X:XXX	± 0.05	DR:	PART NO. : LPJK40071AWN	
ANGLES	$\pm 1^\circ$	UNIT: mm	REV: A DWG: LP13061410	
	SCALE: 2/1	SHEET: 2/2		

