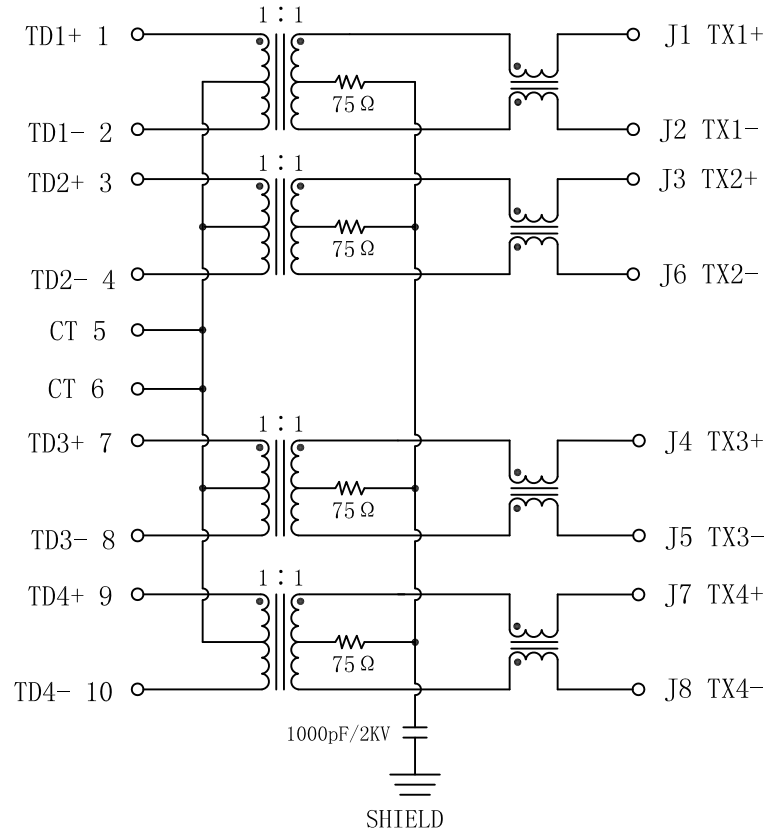


Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
A	REL		2008/07/02	

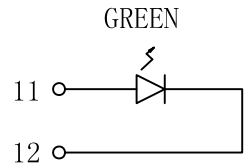
PCB CONNECTIONS



RJ45 CONNECTOR

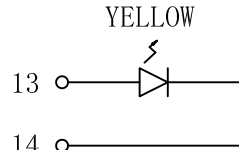
Electrical Specification @25°C

- Turns Ratio ($\pm 5\%$) : 1CT : 1CT
- 0CL: 350uH Min
@100KHz, 0.1V, 8mA DC Bias
- Insertion Loss:
1~100MHz:-1. dB Max
- Return Loss(dB Min) :
1~30MHz:-16 30~40MHz:-13.5
40~50MHz:-11.5 50~80MHz:-10
- Crosstalk(dB Min) :
0.3~30MHz:-40 30~60MHz:-35
60~100MHz:-30
- CMR(dB Min) :
1~30MHz:-35 30~60MHz:-32
60~125MHz:-35
- Hipot: 1500Vrms
- Operating Temperature: 0°C~70°C.



LEFT LED

LED POLARITY		COLOR
PIN 11	PIN 12	
+	-	GREEN



RIGHT LED

LED POLARITY		COLOR
PIN 13	PIN 14	
+	-	YELLOW

Emitting Color	λ p(nm)	VF@IF=20mA	IR @VR=5V
GREEN	565	1.8~2.6V	10 μ A max
YELLOW	585	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 1000 Base-TX Integrated Magnetic
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: LPJG46801AENL
	SCALE: 2/1	SHEET: 1/2	REV: A DWG: LP08070228

