

RJ45 Ethernet Connector

SRJ108010010



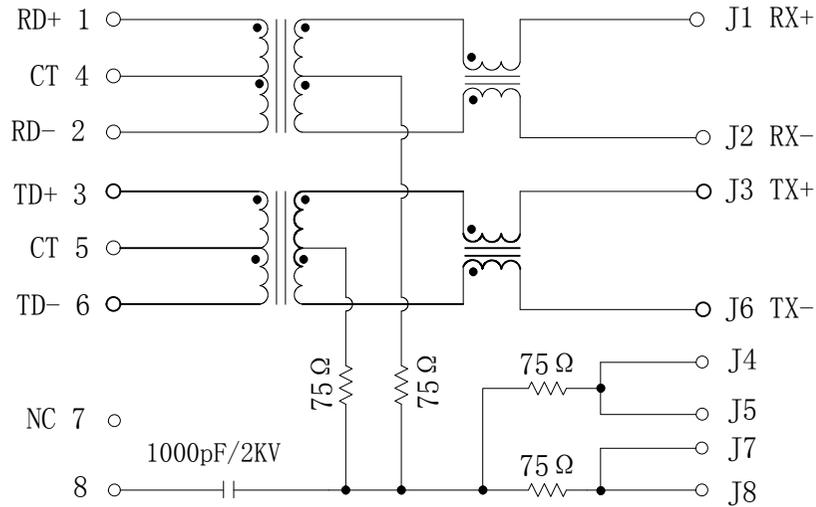
Specifications Overview

Points	1x8 RJ45 MagJack, side entry (right angle)
POE	NON-PoE design
Orientation	90° Angle (Right)
Speed	10/100 Base-T
LED configuration	Green / Yellow LED indicators
Shielding	Shielded with EMI tabs
Operating Temperature	-40°C to +85°C
Mounting	Through-hole
Latch	Down
Cores to Port	4

Schematic:

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

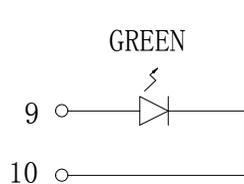
PCB CONNECTIONS



RJ45 CONNECTOR

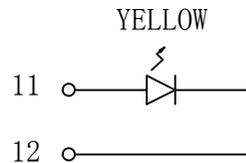
Electrical Specification @25°C

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



LEFT LED

LED POLARITY		COLOR
PIN 9	PIN 10	
+	-	GREEN



RIGHT LED

LED POLARITY		COLOR
PIN 11	PIN 12	
+	-	YELLOW



X:X	± 0.20	APPD:	Summit Electronics BV
X:XX	± 0.10	CHKD:	
X:XXX	± 0.05	DR: TOM	<i>Title:</i> RJ45 Connector With 10/100 Base-TX Integrated Magnetic
ANGLES	$\pm 1^\circ$	UNIT: mm	PART NO.: SRJ108010010
	SCALE: 2/1	SHEET: 2/2	REV: A DWG: