

RJ45 Ethernet Connector

SRJ206010020



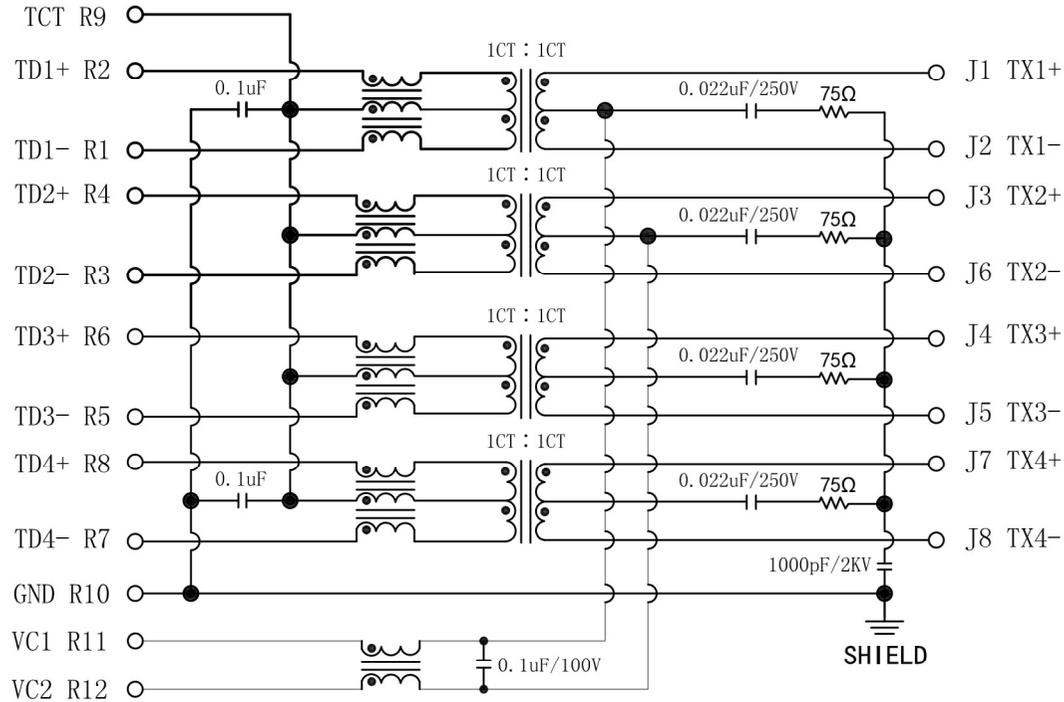
Specifications Overview

Points	2×6 RJ45 MagJack, side entry (right angle)
POE	NON-PoE design
Orientation	90° Angle (Right)
Speed	1000 Base-T
LED configuration	Without LED indicators
Shielding	Shielded with EMI tabs
Operating Temperature	-20°C to +70°C
Mounting	Through-hole
Latch	Both
Cores to Port	8

Schematic:

REV.	ECN NO.	DESCRIPTION	DATE	APPD
B	REL		2018/12/14	

PC BOARD CONNECTIONS



RJ45 CONNECTOR

Electrical Specification @25°C

- Turns Ratio ($\pm 2\%$): 1CT : 1CT
- Inductance: 350uH Min
@0.1V, 0.1MHz, 8mA DC Bias
- Insertion Loss:
1-100MHz: -1.0dB Max
- Return Loss (dB Min):
1-30MHz: -18 30-60MHz: -16
60-100MHz: -12
- Crosstalk (dB Typ):
1-30MHz: -40 30-60MHz: -35
60-100MHz: -30
- Common to Mode Rejection (dB Typ):
1-50MHz: -30 50-150MHz: -20
- Hipot: 1500Vrms/0.5mA
- Operating Temperature: -20°C ~ +70°C.



X:X	± 0.20	APPD:	Summit Electronics BV
X:XX	± 0.10	CHKD:	
X:XXX	± 0.05	DR: James	
ANGLES	$\pm 1^\circ$	UNIT: mm	TITLE: RJ45 .Transformer. 1000 Base-T. 2x6 Port For PoE Application
		PART NO.:	SRJ206010020
	SCALE: 2/1	SHEET: 1/2	REV: B DWG NO.:

