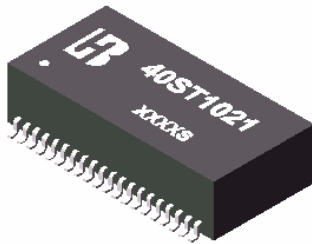


Bothhand USA. e-mail: sales@bothhandusa.com <http://www.bothhandusa.com>
40PIN SMD ETHERNET 10/100 BASE TX TWO PORT TRANSFORMER

P/N: 40ST1021 DATA SHEET

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Feature

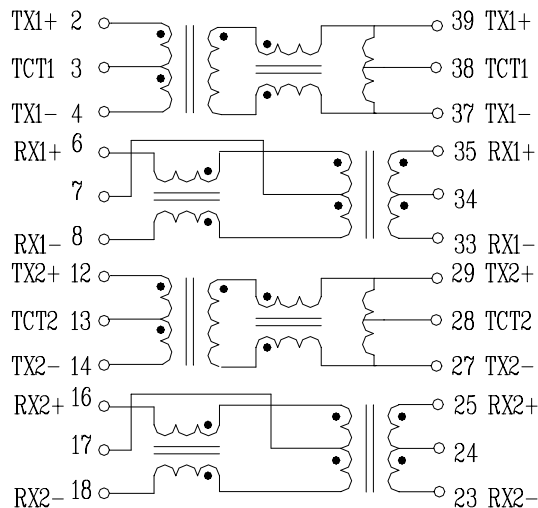


- 40-PIN SMD Package designed to meet IEEE 802.3 & IR requirement .
- Operating Temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias		CW/W (pF Max)	L.L (uH Max)	Insulation Resistance (MΩ)	HI-POT (Vrms)
	TX	RX						
40ST1021	1CT:1	1CT:1CT	350		28	0.5	10,000	1500
Continue								
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR TX/RX(dB Min)		
	0.3-100 MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-100MHz	1-60MHz	60-200MHz	
40ST1021	-1.15	-16	-12	-10	-38	-37	-25	

Schematic



Mechanical

