

40PIN SMD ETHERNET 10/100 BASE TX TWO PORT TRANSFORMER

P/N: 40ST1021B DATA SHEET

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 (±3%)		OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias		C _{w/w} (pF Max)	L.L (uH Max)	Rise Time (n s Typ)	Insulation Resistance (MΩ)	HI-POT (Vrms)	
	TX	RX								
40ST1021B	1CT:1	1CT:1CT	350		28	0.4	2.5	10,000	1500	
Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min) TX/RX		
		0.3-100 MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	200MHz
40ST1021B	-1.15	-16	-12	-12	-40	-35	-40/-37	-33/-28	-25/-25	

Schematic

Mechanical

