

40 PIN SMD ETHERNET 10/100 BASE QUAD PORT TRANSFORMER

P/N: 40ST1041SX DATA SHEET

Feature



- 40-Pin SMD package compatible with broadcom ,NS ,TMI, davicom chips.
- Designed for multiport repeater and switched Ethernet applications utilization single RJ-45 connectors.
- 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(μH Min) @100KHz/0.1Vrms 8mA DC/Bias	L.L (μH Max)	Cw/w (pF Max)	HI-POT (Vrms)	Insulation resistance (MΩ)
	TX	RX					
40ST1041SX	1CT:1CT	1CT:1CT	350	0.5	56	1500	10,000
Continue							
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)	
		0.3-100MHz	0.3-30MHz	30-60MHz			60-80MHz
40ST1041SX	-1.15	-16	-12	-10	-38	-40	

Schematic

Mechanical

