



P/N: 40ST1041SX DATA SHEET

Feature



- 40-Pin SMD package compatible with broadcom ,NS ,TMI, davicom chips.
- Designed for multi-port 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)	C _{www} (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	0.3-60MHz	60-100MHz	60MHz	100MHz	200MHz
40ST1041SX	-1.15	-16	-12	-10	-40	-35	-37	-28	-25	

Schematic

Mechanical

