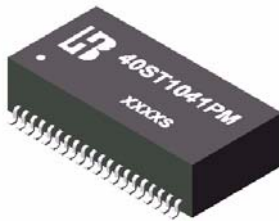


40 PIN SMD ETHERNET 10/100 BASE QUAD PORT TRANSFORMER

P/N: 40ST1041PM DATA SHEET

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Feature



- IEEE 802.3 Ethernet compatible 100 BASE-TX.
- Surface mountable .
- Design for multiport repeater and Ethernet switching hub application .
- Customer designs available for specific application .
- Operating temperature range : -40°C to +85°C .
- Storage temperature range: -40°C to +125°C .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (μ H Min) @100KHz/0.1Vrms 8mA DC/Bias	L.L. (μ H Max)	C _{w/w} (pF Max)	HI-POT (Vrms)
	TX	RX				
40ST1041PM	1CT:1CT	1:1	350	0.4	28	2000

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	0.3-100MHz	1-60MHz	60-200 MHz
40ST1041PM	-1.15	-16	-12	-10	-38	-37	-25

Schematic

Mechanical

