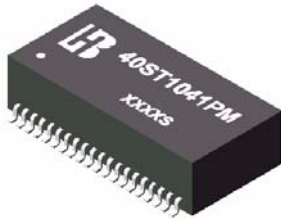


**40 PIN SMD ETHERNET 10/100 BASE QUAD PORT TRANSFORMER**

**P/N: 40ST1041PM DATA SHEET**

**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 (μH Min) @100KHz/0.1Vrms 8mA DC/Bias		L.L. (μH Max)	C <sub>WW</sub> (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**

