

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

**P/N: 40ST1041EX 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 : 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)	Rise Time (nS Typ)			
	TX	RX								
40ST1041EX	1CT:1CT	1CT:1CT	350	0.5	56	1500				
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
40ST1041EX	-1.15	-16	-12	-10	-45	-35	-37	-28	-25	

