

**10/100 BASE QUAD PORT PULSE TRANSFORMER:**

**P/N :40ST1062 DATA SHEET**

**Feature**



- 40-PIN SMD Package compatible with BROADCOM, NS, TMI, DAVICOM chips.
- Designed for multiport repeater and switched Ethernet applications Utilizing 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	Insulation Resistance (M Ω)	CMR (dB Min) 0.3-60MHz	HI-POT (Vrms)	
	TX	RX					
40ST1062	1CT:1CT	1:1	350	10,000	-30	1500	

  

Part Number	Insertion Loss (dB Max) 0.3-100MHz	Return Loss (dB Min)			Cross talk (dB Min) 0.3-100MHz	DCMR (dB Min)	
		0.3-30MHz	30-60MHz	60-80MHz		1-60MHz	60-200 MHz
40ST1062	-1.15	-16	-12	-10	-38	-37	-25

**Schematic**

**Mechanical**

