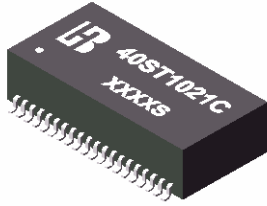


**40PIN SMD ETHERNET 10/100BASE TX TWO PORT TRANSFORMER MODULE**

**P/N: 40ST1021C DATA SHEET**

**Feature**



- Patented interlock base design.
- Compliant with IEEE 802.3u standards including 350•H OCL with 8mA Bias.
- Models designed to support two RJ-45 connectors.
- IC grade transfer-molded package withstands 235°C peak temperature profile.
- 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 (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias	CW/W (pF Max)	L.L (uH Max)	Isolation Voltage (Vrms)	
	TX	RX					
40ST1021C	1CT:1	1CT:1CT	350	28	0.5	1500	
Continue							
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)	
		0.3-30MHz	30-60MHz	60-80MHz		1-60MHz	60-200MHZ
40ST1021C	-1.15	-16	-12	-10	-38	-37	-25

**Schematic**

**Mechanical**

