



P/N: 40ST1021C DATA SHEET

Feature



- Patented interlock base design.
- Compliant with IEEE 802.3u standards including 350uH 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/0.1V with 8mA DC Bias	C _{w/w} (pF Max)	L.L (uH Max)	HI-POT (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)		
		0.3-100MHz	0.3-30MHz	30-60MHz	60-80MHz	0.3-60MHz	60-100MHz	60MHz	100MHz
40ST1021C	-1.15	-16	-12	-10	-40	-35	-37	-28	-25

Schematic

Mechanical

