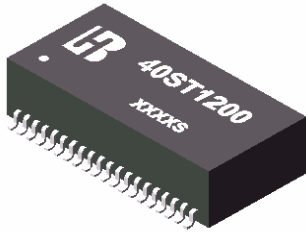


10/100 BASE-TX DUAL PORT TRANSFORMER MODULES

P/N: 40ST1200 DATA SHEET

Feature



- 10/100 BASE-TX DUAL Port transformer modules for use with transceivers requiring 1:1 transmit and receive turn ratios.
- Compliant with IEEE802.3uH and ANSI X3.263 standards.
- Modules designed to support two 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		OCL(μH Min) @100KHz/0.1Vrms with 8mA DC/Bias	DCMR (dB Min)		HI-POT (Vrms)				
	TX	RX		1-60MHz	60-200MHz					
40ST1200	1CT:1CT	1CT:1CT	350	-37	-25	1500				
Continue										
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)				
	0.3-100MHz	2-30MHz	40MHz	50MHz	60-80 MHz	1MHz	30MHz	60MHz	100MHz	
40ST1200	-1.0	-16	-14.4	-13	-12	-50	-45	-40	-35	

Schematic

Mechanical

