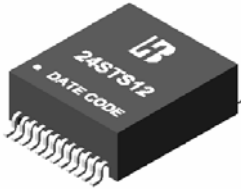


10/100 BASE-T TRANSFORMER

P/N: 24STS12 DATA SHEET

Feature



- Support 10Mbps and 100 Mbps VOIP applications.
- Compliant with IEEE 802.3 standards.
- Designed to meet 350mA balanced DC line current.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C									
Part Number	Turns Ratio (±3%)		Primary OCL TX/RX(μH Min) @100KHz/0.1Vrms with 8mA/ DC Bias	L.L (μH Max)	CW/W (pF Max)	DCR (Ω Max)	Voltage Isolation (Vrms)		
	TX	RX							
24STS12	1CT:1	1CT:1CT	350	0.25	25	1.0	1500		
Continue									
Part Number	Insertion Loss (dB Max.)	Return Loss (dB Min)		Cross talk (dB Min)				CMR TX/RX(dB Min)	DCMR TX/RX(dB Min)
	0.1-100MHz	2-30MHz	60-80MHz	1 MHz	30 MHz	60 MHz	100 MHz	0.1-100MHz	0.1-1000MHz
24STS12	-1.5	-16	-10	-65	-60	-50	-45	-45	-45

Schematic

Mechanical

