



10/100 BASE-TX TRANSFORMER

P/N:16ST8517C DATA SHEET

Feature



- Designed for 10 MB/s and 100MB/s and 155 MB/s transmission over UTP-5 and STP cable.
- Cable interface for isolation and low common mode emissions.
- Fully integrated modules for multi-port concentrators and adapter card applications.
- 16-PIN SMD Package, pick and place compatible.
- 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 (uH Min) @100KHz/0.1V with 8mA DC Bias	C _{w/w} (pF Max)	L.L (uH Max)	HI-POT (Vrms)
	TX	RX				
16ST8517C	1CT:1CT	1CT:1CT	350	28	0.4	1500

Continue								
Part Number	Insertion Loss (dB Max)	Return Loss TX/RX(dB Min)		Cross talk (dB Min)		DCMR TX/RX(dB Min)		
	1 - 125 MHz	0.1-60MHz	60-100MHz	0.3-60MHz	60-100 MHz	30MHz	60MHz	100MHz
16ST8517C	-1.1	-15/-17	-11/-15	-45	-35	-42/-40	-35/-30	-28/-25

Schematic

Mechanical

