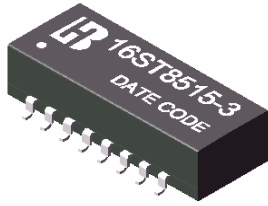


Bothhand USA email:sales@bothhandusa.com http://www.bothhandusa.com
10/100 BASE-T TRANSFORMER
P/N:16ST8515-3 DATA SHEET

Feature



- Designed for 10/100 MB/s transmission over UTP-5 cable.
- Cable interface for isolation and low common mode Emissions.
- 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 (±5%)		OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	C _{ww} (pF Max)	L.L (uH Max)	Rise Time (10-90%) (nS Typ)	HI-POT (Vrms)	Continue				
	TX	RX						Return Loss (dB Min)			Cross talk (dB Min)	
	0.3-100MHz	30MHz	40MHz	50MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz	
16ST8515-3	1CT:1CT	1CT:1CT	350	28	0.6	2.5	1500					
16ST8515-3	-1.15	-16	-14	-13.5	-13	-12	-45	-35	-42	-35	-28	

Schematic

Mechanical

