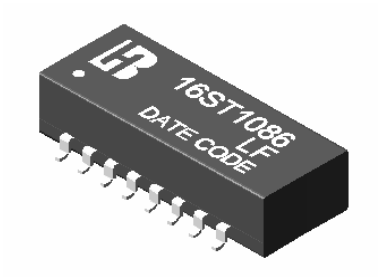
10/100 BASE-T SINGLE PORT TRANSFORMER MODULES

P/N: 16ST1086 LF DATE SHEET

Feature

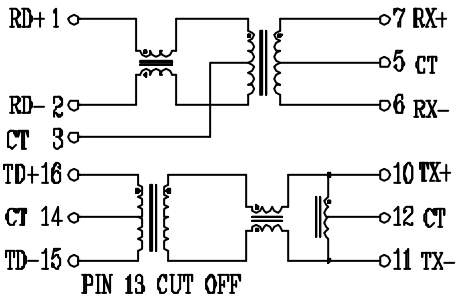


- Meet all IEEE 802.3 and ANSI X 3.263 standards including 350µH OCL with 8mA Bias.
- Patented interlock base construction for high reliability
- Rise time optimized for National' s DP83843.
- Comply with RoHS requirements-whole part No Cd, No Hg, No Cr6+, No PBB and PBDE and No Pb on external pins.
- Comply with Air reflow profile of JEDEC 020C.
- Operating temperature range: 0℃ to +70℃.
- Storage temperature range: -25℃ to +125℃.

Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	DCR (O Max)	Insertion Loss (dB Max)		HI-POT (Vrms)
	TX	RX			0.3-100 MHz	100-125MHz	
16ST1086 LF	1CT:1	1CT:1CT	350	0.9	-1.0	-1.5	1500

Continue								
Part Number	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
	0.3-40MHz	40-50MHz	50-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
16ST1086 LF	-20	-18	-14	-45	-35	-40	-30	-25

Schematic



Mechanical

