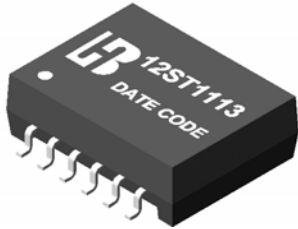


10/100 BASE-T SINGLE PORT TRANSFORMER MODULE

P/N:12ST1113 DATA SHEET

Feature



- Compact symmetrical size facilitates chip shooter placement and reduces manufacturing time.
- IEEE 802.3 and ANSI X3.263 compliant including 350uH OCL with 8mA Bias.
- Patented interlock base construction for high reliability.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

Electrical Specifications @ 25°C

Part Number	Transmit Turns Ratio TX/RX	OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias	HI-POT (Vrms)	DCMR (dB Min) TX/RX		
				60MHz	100MHz	200MHz
12ST1113	1CT:1CT	350	1500	-28	-26	-25

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)			
		03-100 MHz	1-30MHz	40MHz	50MHz	60-80MHz	1MHz	30MHz	60MHz
12ST1113	-1.2	-16	-14	-13	-12	-60	-40	-40	-35

Schematic

Mechanical

