Bothhand USA. **e-mail: sales@bothhandusa.com http://www.bothhandusa.com**

10/100 BASE-TX TRANSFORMER MODULES

P/N: TSC1141 DATE SHEET

Feature



- Approved for use with the Broadcom BCM5226and Level One LXT9784.
- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350 µH OCL with 8 mA bias
- Designed for reflow soldering at temperatures up to 235°C
- Operating Temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

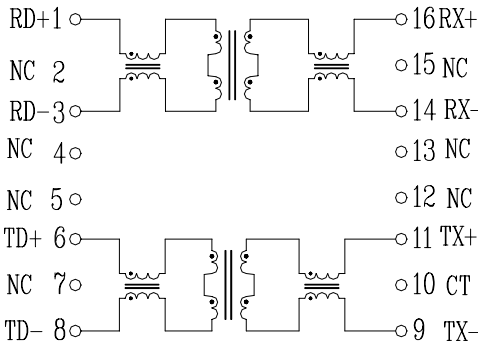
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL (uH Min) @ 100KHz/0.1Vrms with 8mA/DC Bias	HI-POT (Vrms)	Insertion Loss (dB Max)
	TX	RX			0.3-100 MHz
TSC1141	1:1	1:1	350	1500	-1.0

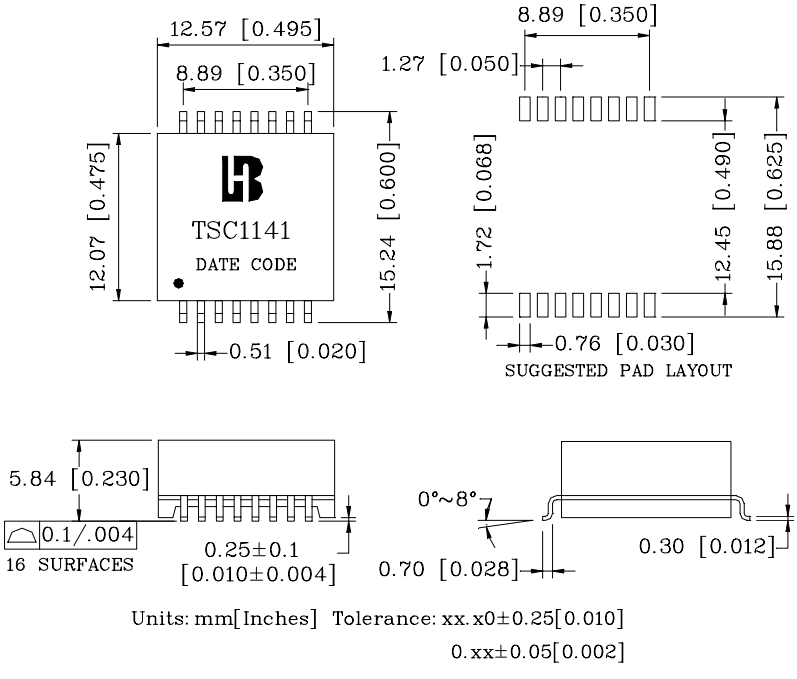
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Part Number	Return Loss (dB Min)				Cross talk (dB Min)				Differential to Common Mode Rejection TX/RX(dB Min)	
	2-30MHz	40MHz	50MHz	60-80MHz	1KHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz
TSC1141	-18	-14.4	-13.1	-12	-65	-50	-40	-35	-40	-35

Schematic



Mechanical



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