

**P/N: TSC1141M DATE SHEET****Feature**

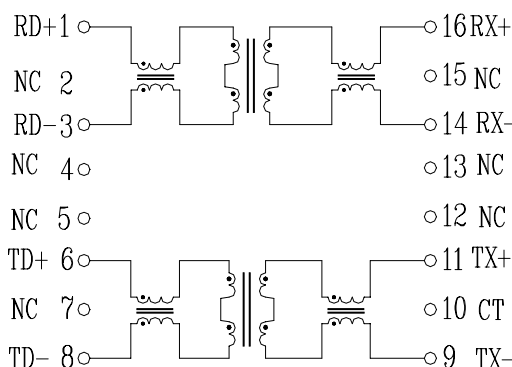
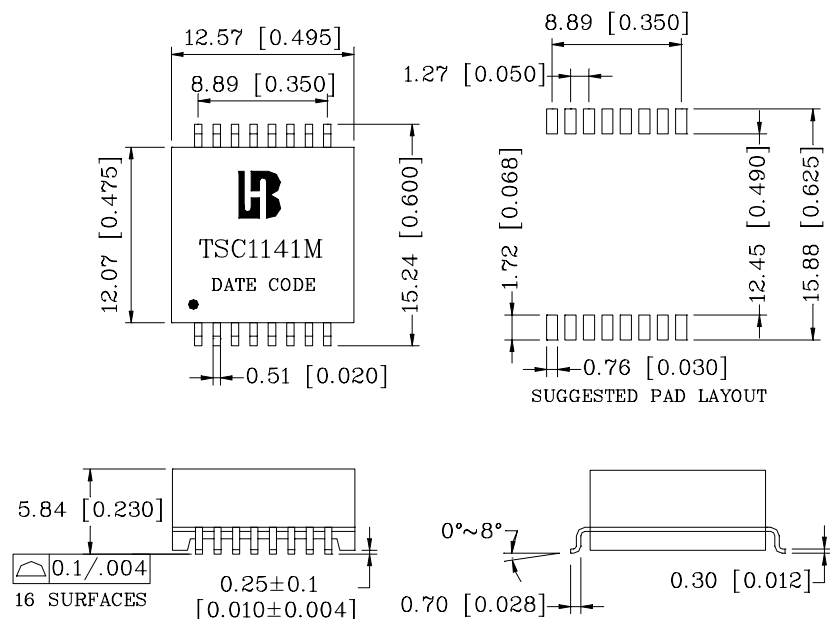
- Approved for use with the Broadcom BCM5226 and Level One LXT9784.
- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350  $\mu$ H OCL with 8 mA bias.
- Operating Temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +125°C.

**Electrical Specifications @ 25°C**

Part Number	Turns Ratio ( $\pm 5\%$ )		OCL ( $\mu$ H Min) @ 100KHz/0.1Vrms with 8mA/DC Bias	HI-POT (Vrms)	Insertion Loss (dB Max)
	TX	RX			0.3-100 MHz
TSC1141M	1:1	1:1	350	1500	-1.0

**Continue**

Part Number	Return Loss (dB Min)				Cross talk (dB Min)				DCMR TX/RX(dB Min)	
	2-30MHz	40MHz	50MHz	60-80MHz	1KHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz
TSC1141M	-18	-14.4	-13.1	-12	-65	-50	-40	-35	-40	-35

**Schematic****Mechanical**

Units: mm [Inches] Tolerance: xx.x0 $\pm$ 0.25 [0.010]  
0.xx $\pm$ 0.05 [0.002]