



**P/N: TS2019 LF DATA SHEET**

**Feature**



- IEEE 802.3/ANSI X3.263 compliant performance.
- 350mA current capability.
- Designed to for IP phone or switch applications.
- Compact footprint.
- Lead free for external pins.
- Operation temperature range: 0°C to +70°C.
- Storage temperature range: -25 to +125 .

**Electrical Specifications @ 25°C**

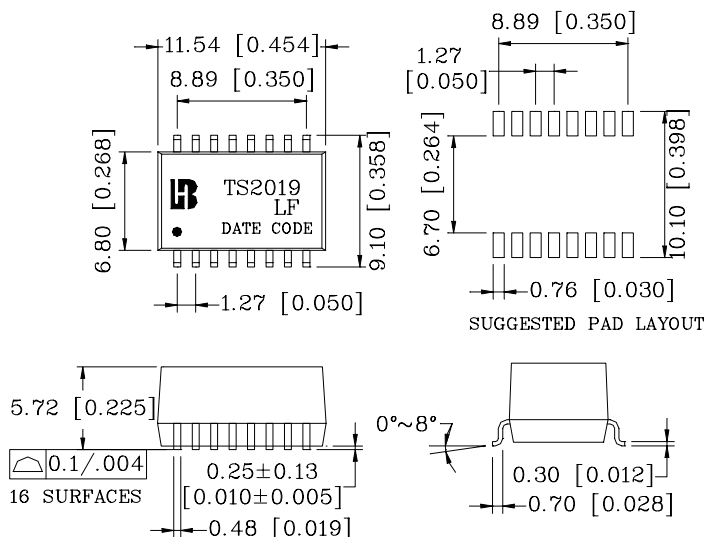
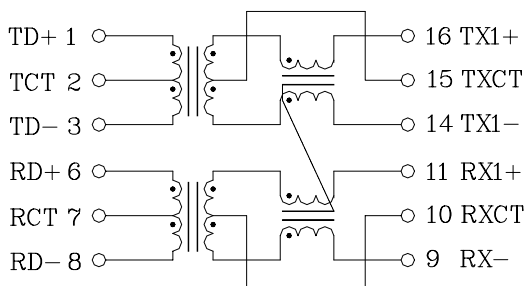
Part Number	Turns Ratio (±5%) TX/RX	OCL (uH Min) @ 100KHz/0.1V with 8mA Bias	Cross talk (dB Min)		HI-POT (Vrms)
			0.3-60MHz	60-100 MHz	
TS2019 LF	1CT:1CT	350	-45	-35	1500

**Continue**

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ 100Ω				DCMR (dB Min)		
		0.3-100 MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz
TS2019 LF	-1.2	-16	-14	-13	-12	-40	-35	-30

**Schematic**

**Mechanical**



Units: mm[Inches] Tolerance: xx.x0±0.25[0.010]  
0.xx±0.05[0.002]