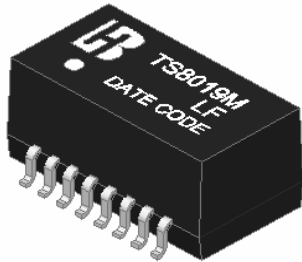




10/100 BASE-TX VOICE OVER IP MAGNETICS MODULES

P/N: TS8019MLF DATA SHEET

Feature



- IEEE 802.3/ANSI X3.263 compliant performance.
- 350mA current capability.
- Designed to for IP phone or switch applications.
- Compact footprint.
- 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.
- Operation temperature: -40°C to +85°C.
- Storage temperature range: -40°C to +125°C.

Electrical Specifications @ 25°C

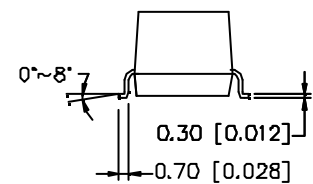
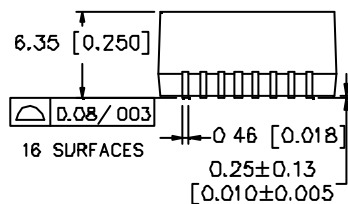
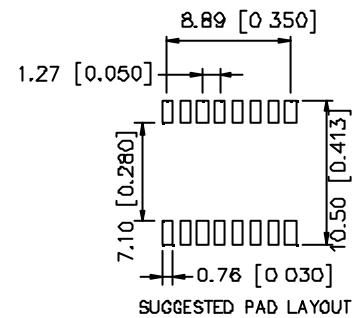
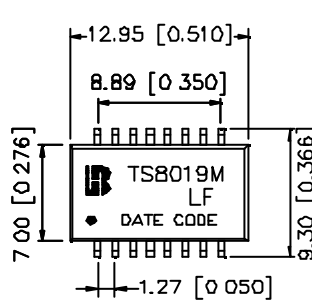
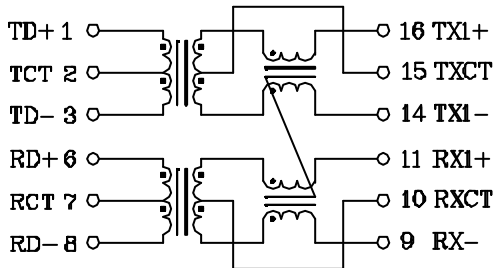
Part Number	Turns Ratio (±5%)TX/RX	OCL (uH Min) @ 100KHz/0.1V with 8mA DC Bias	Cross talk (dB Min)		HI-POT (Vrms)
			0.3-60MHz	60-100 MHz	
TS8019M LF	1CT:1CT	350	-45	-35	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@ Load 100Ω				DCMR (dB Min)		
		1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz
TS8019M LF	-1.2	-16	-14	-13	-12	-40	-35	-30

Schematic

Mechanical



Units:mm[Inches] all Tolerance are :±0.25[0.010]