



VP8019M LF

10/100 BASE-TX VOICE OVER IP MAGNETICS MODULE

P/N: VP8019M LF DATA SHEET

Feature



- IEEE 802.3af/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.
- Operating temperature range: -40°C to +85 .
- Storage temperature range: -40°C to +125 .

Electrical Specifications @ 25°C

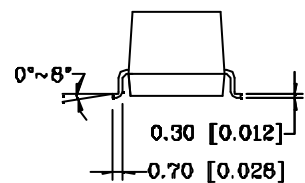
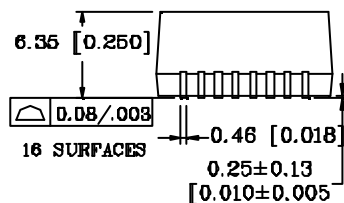
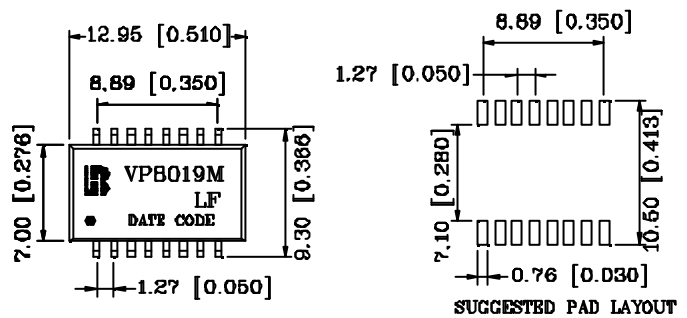
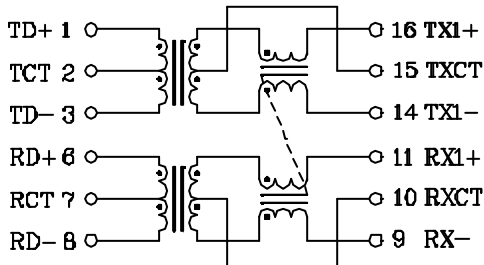
Part Number	Turns Ratio (±5%) TX/RX	OCL (Min) @100KHz/0.1V with 8mA DC Bias	Cross talk (dB Min)			HI-POT (Vrms)
			30MHz	60MHz	100 MHz	
VP8019M LF	1CT:1CT	350	-45	-40	-35	1500

Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@ Load 100Ω			
		1-30MHz	40MHz	50MHz	60-80MHz
VP8019M LF	-1.4	-18	-14	-13	-12

Schematic

Mechanical



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