



# 10/100 BASE-TX VOICE OVER IP MAGNETICS MODULE

## P/N: VP8019 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: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

### Electrical Specifications @ 25°C

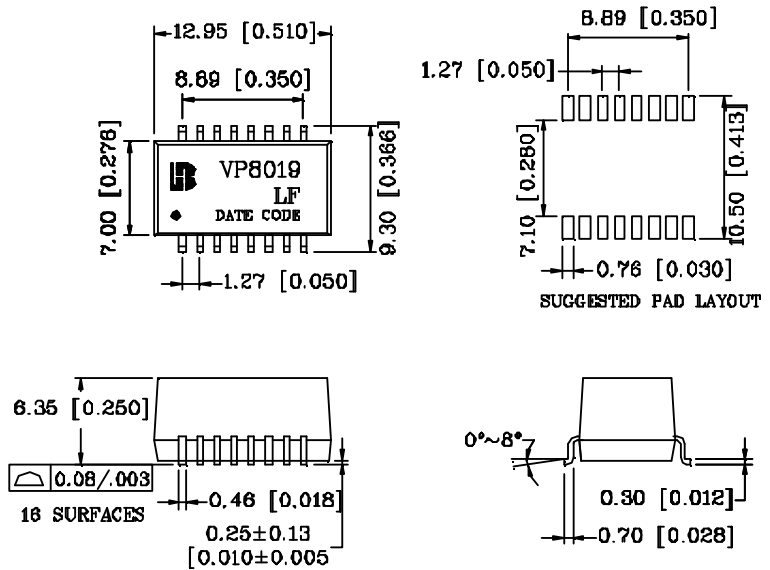
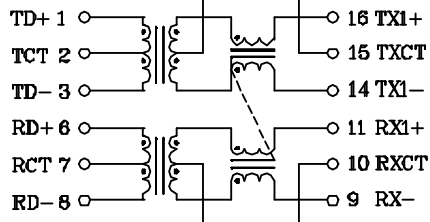
Part Number	Turns Ratio (±5%) TX/RX	OCL (Min) @100KHz/0.1V with 8mA DC Bias	Cross talk (dB Min)			HI-POT (Vrms)
			30MHz	60MHz	100MHz	
VP8019 LF	1CT:1CT	350	-45	-40	-35	1500

### Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 1000				DCMR (dB Min)		
		1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz
VP8019 LF	-1.2	-16	-14	-13	-12	-43	-37	-33

### Schematic

### Mechanical



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