

10/100 BASE-TX VOICE OVER IP MAGNETICS MODULE

P/N: VP8019 HF DATA SHEET

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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 & Halogen Free requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

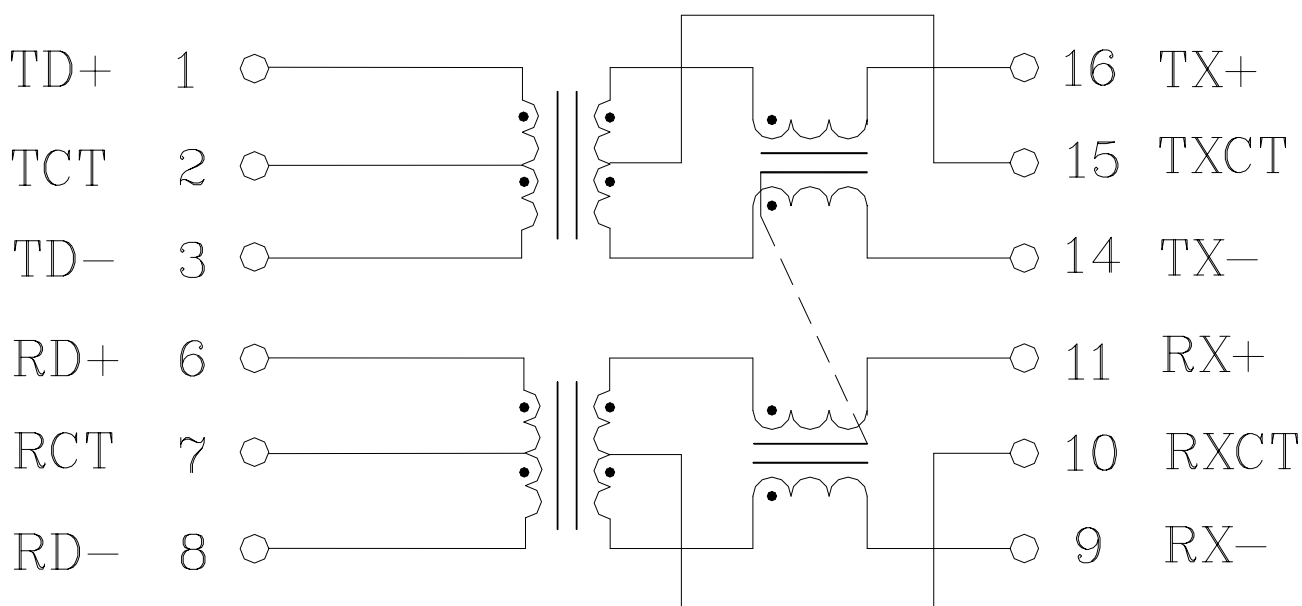
Electrical Specifications @ 25°C

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

Continue

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

Schematic

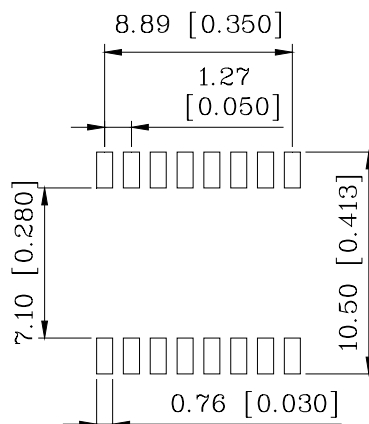
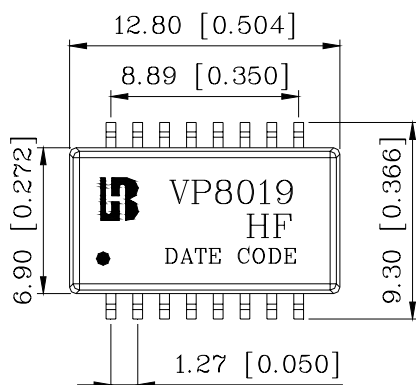


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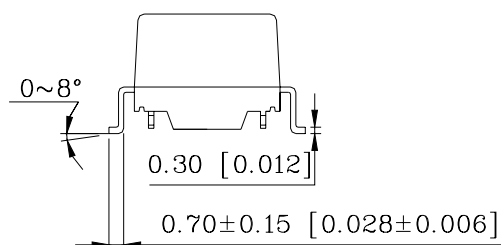
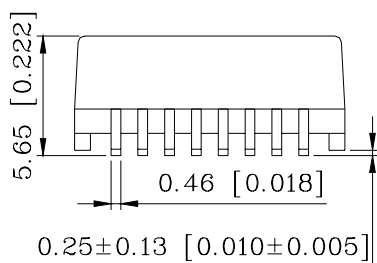
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Mechanical



SUGGESTED PAD LAYOUT



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]

0.xx±0.05[0.002]