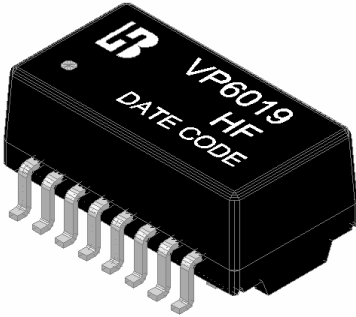


10/100 BASE-TX VOICE OVER IP MAGNETICS MODULE

P/N: VP6019 HF DATA SHEET

Feature



- IEEE 802.3at/ANSI X3.263 compliant performance.
- Suitable for End-span POE applications with 700mA current capability.
- Comply with RoHS & Halogen Free requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +125°C.

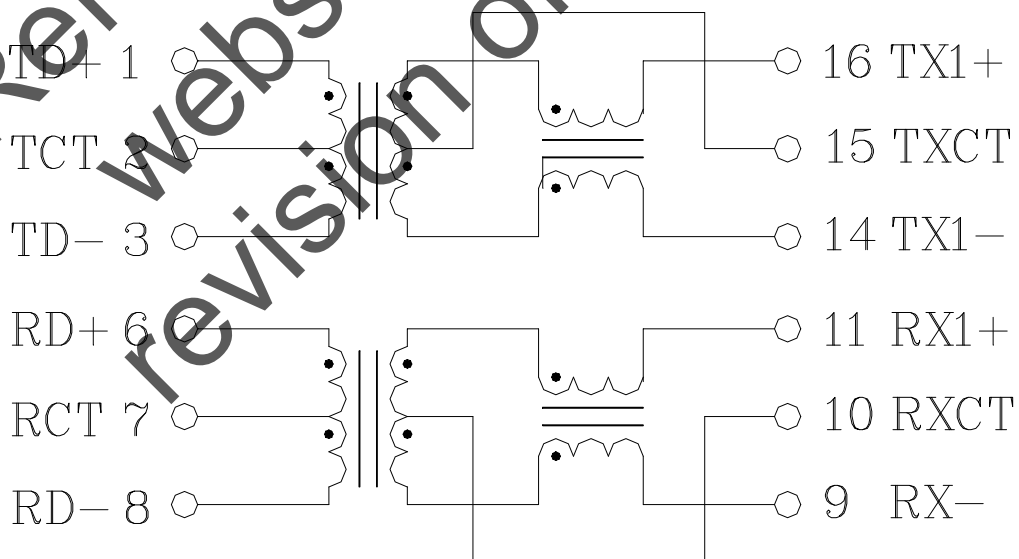
Electrical Specifications @ 25°C

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	
VP6019 HF	1CT:1CT	350	-45	-40	-35	1500

Continue

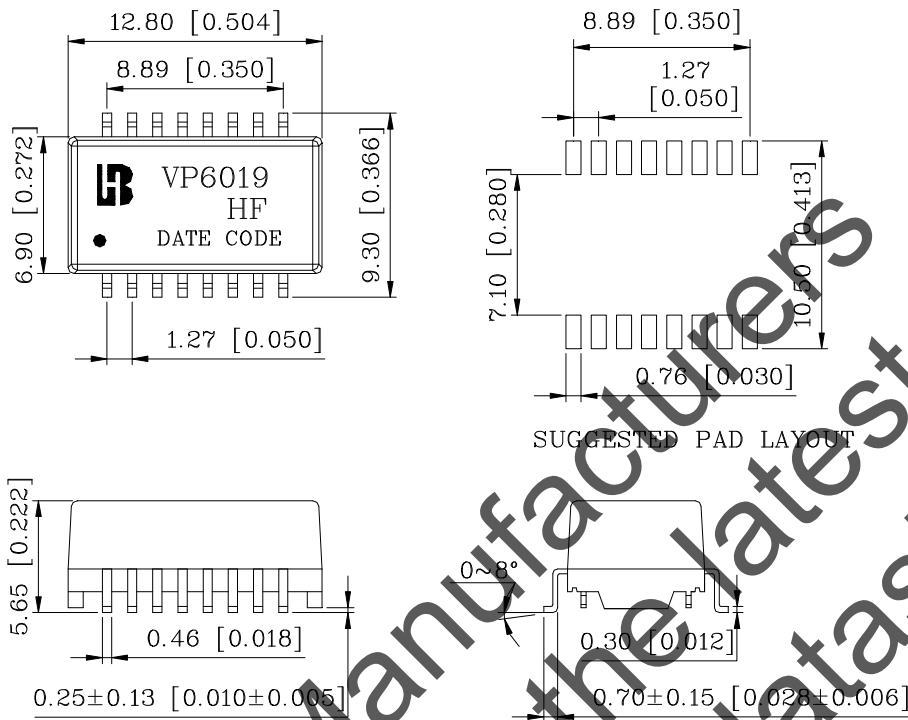
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @Load 100Ω				DCMR (dB Min)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz
VP6019 HF	-1.2	-16	-14	-13	-12	-43	-37	-33

Schematic



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



Units: mm[inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]

Refer to Manufacturer's website for the latest revision of this datasheet