

LAN Transformer

Single Port 10/100Mbps



10/100 BASE-TX VOICE OVER IP MAGNETICS MODULE

XF- LPZ3A1BA

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- IEEE 802.3af/ANSI X3.263 compliant performance.
- Designed to for IP phone or switch applications.
- RoHS compliant.

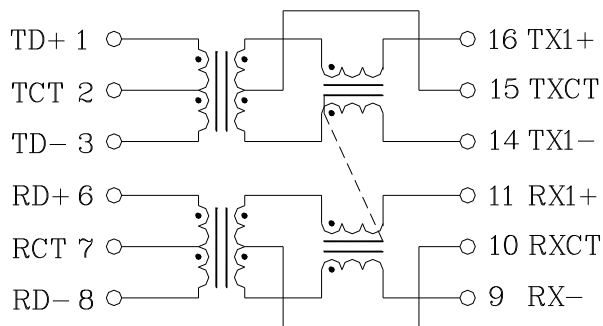


Electrical Specifications @ 25°C						
Part Number	Turns Ratio (±5%) TX/RX	OCL (µH Min) @100KHz/0.1V with 8mA DC Bias	Cross talk (dB Min)			HI-POT (Vrms)
			30MHz	60MHz	100MHz	
XF-LPZ3A1BA-AVO	1CT : 1CT	350	-45	-40	-35	1500

Electrical Specifications @ 25°C								
Part Number	Insertion Loss	Return Loss @Load 100Ω (dB Min)				DCMR (dB Min)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz
XF-LPZ3A1BA-AVO	-1.2	-16	-14	-13	-12	-43	-37	-33

* Operating temperature range : 0°C to +70°C. Storage temperature range: -25°C to +125°C

SCHEMATIC



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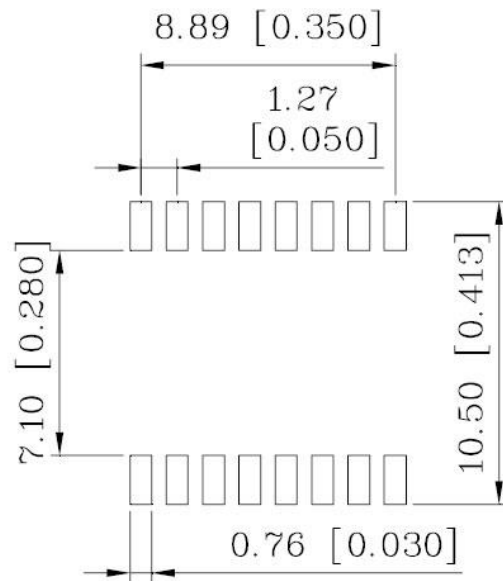
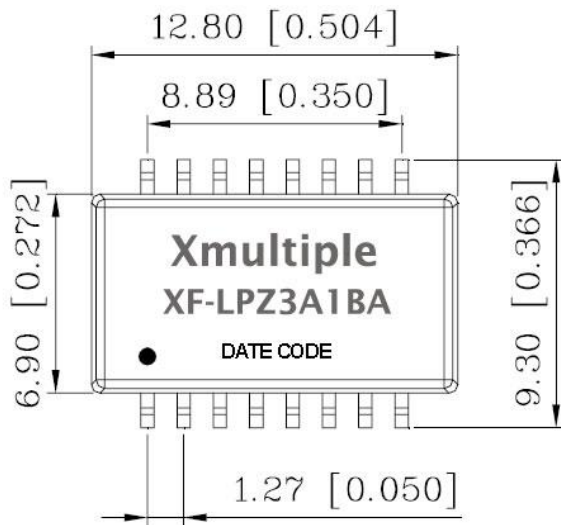


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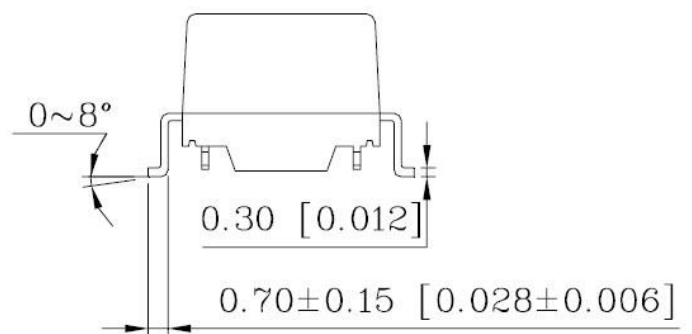
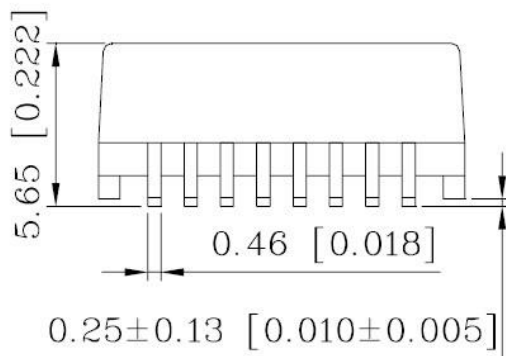
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MECHANICAL



SUGGESTED PAD LAYOUT



Units: mm[Inches].
Tolerance: ±0.25(0.010) unless specified otherwise.