

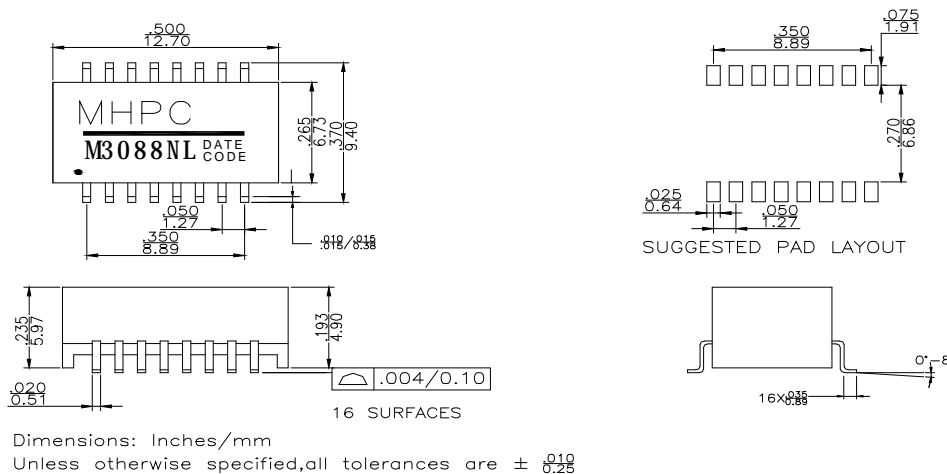
MHPC TECHNOLOGY LIMITED	10/100BASE-TX VOICE OVER IP MAGNETICS MODULES	Data Sheet#:
		M3088NL
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- I IEEE 802.3AF/ANSI X3.263 compliant performance
- I 350 mA current capability for POE product
- I Designed for IP phone or switch applications
- I Use with Transceivers requiring 1:1 Transmit and Receive Turns Ratios
- I Compliant with “RoHS” standards.

Electrical Specifications @25 °C — Operating Temperature 0 °C to 70 °C

Part Number	Turn Ratio(±5%)	Inductance (µH Min.)	Insertion Loss (dB MAX)	Return Loss (dB MIN @100 OHMS)				Differential to ComonMode Rejection (dB MIN)			Crosstalk (dB MIN)		Hipot (Vrms MIN)	DCR (Ω MAX)
				1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	60MHz	100MHz	
M3088NL	1:1	350	-1.2	-16	-14	-13	-12	-43	-37	-33	-40	-35	1500	1.5

Mechanical



Schematics

