

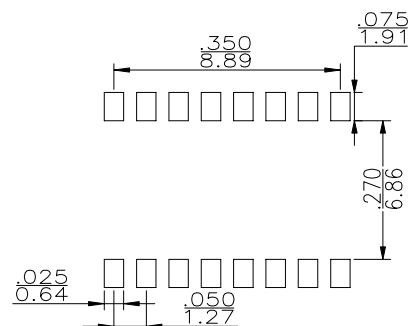
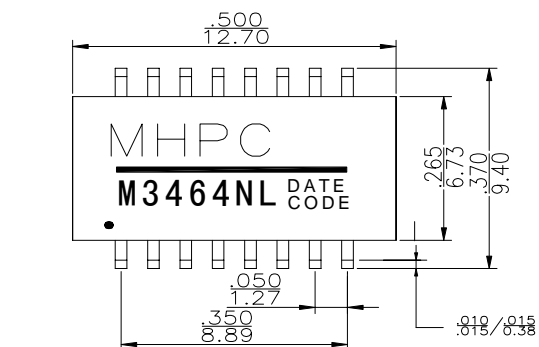
MHPC TECHNOLOGY LIMITED	10/100BASE-TX POE+ MAGNETICS MODULES	Data Sheet#:
		M3464NL
		Page 1 of 1



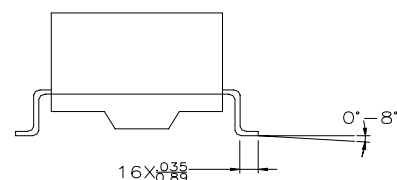
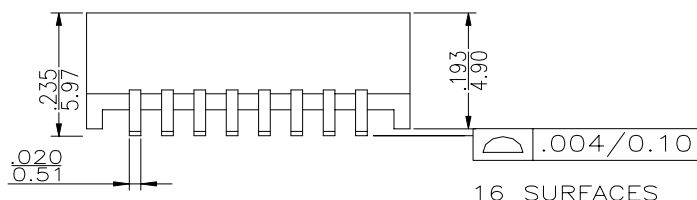
- IEEE 802.3AT/ANSI X3.263 compliant performance
- 720mA@57V DC current/Voltage rating-PSE side for POE+ product
- Designed for IP phone or switch applications
- Use with Transceivers requiring 1:1 Transmit and Receive Turns Ratios

Electrical Specifications @25°C — Operating Temperature -25°C to 85°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)
M3464NL	1:1	350	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	60MHz	100MHz	1500	1.5
			-1.2	-16	-14	-13	-12	-43	-37	-33	-40	-35		

Mechanical



SUGGESTED PAD LAYOUT



Dimensions: Inches/mm

Unless otherwise specified, all tolerances are +/-10%

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		Page 1 of 1

Schematics

