

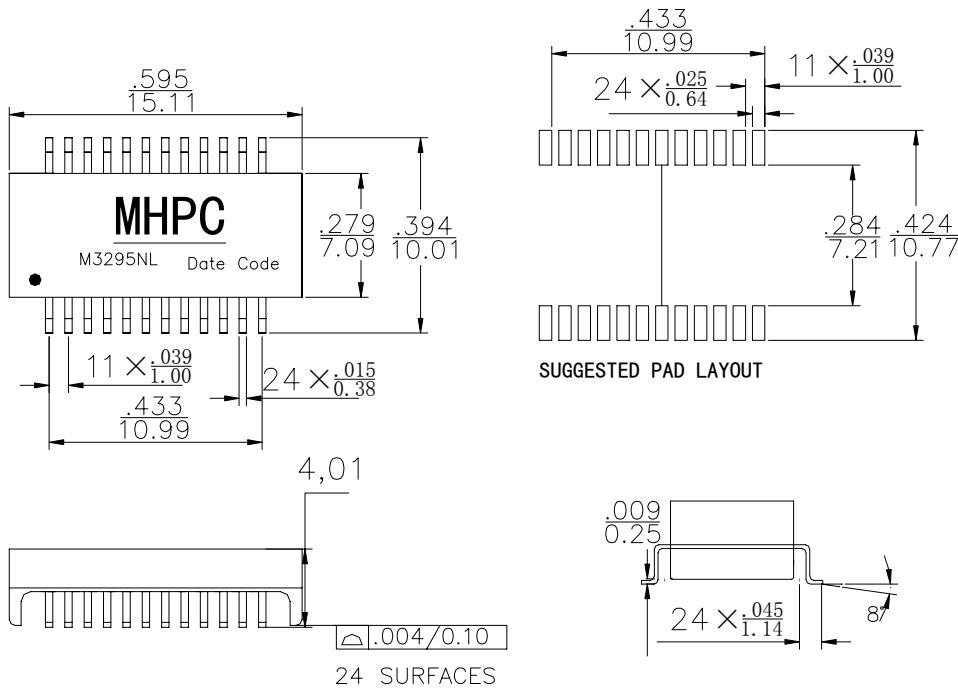


- Designed long haul Gigabit Ethernet 100/1000Base-T, full duplex applications
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emission
- Compliant with IEEE 802.3ab and "RoHS" standard for 100/1000Base-T

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

Part Number	Insertion Loss (dB Max)	Return Loss (dB MIN @100 Ω)					Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB Min)			Hipot (Vrms Min)
		1-100 MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	
M3295NL	1.1	-18	-14.4	-12.0	-10	-10	-38	-37	-30	-40	-35	-33	1500

Mechanical



Dimensions: Inches/mm
Unless otherwise specified, all tolerances are +/-

Schematics

