

Bothhand USA. e-mail: sales@bothhandusa.com <http://www.bothhand.com>

1000 BASE –T DUAL PORT MAGNETICS MODULES

P/N: GS5012 DATA SHEET

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Feature

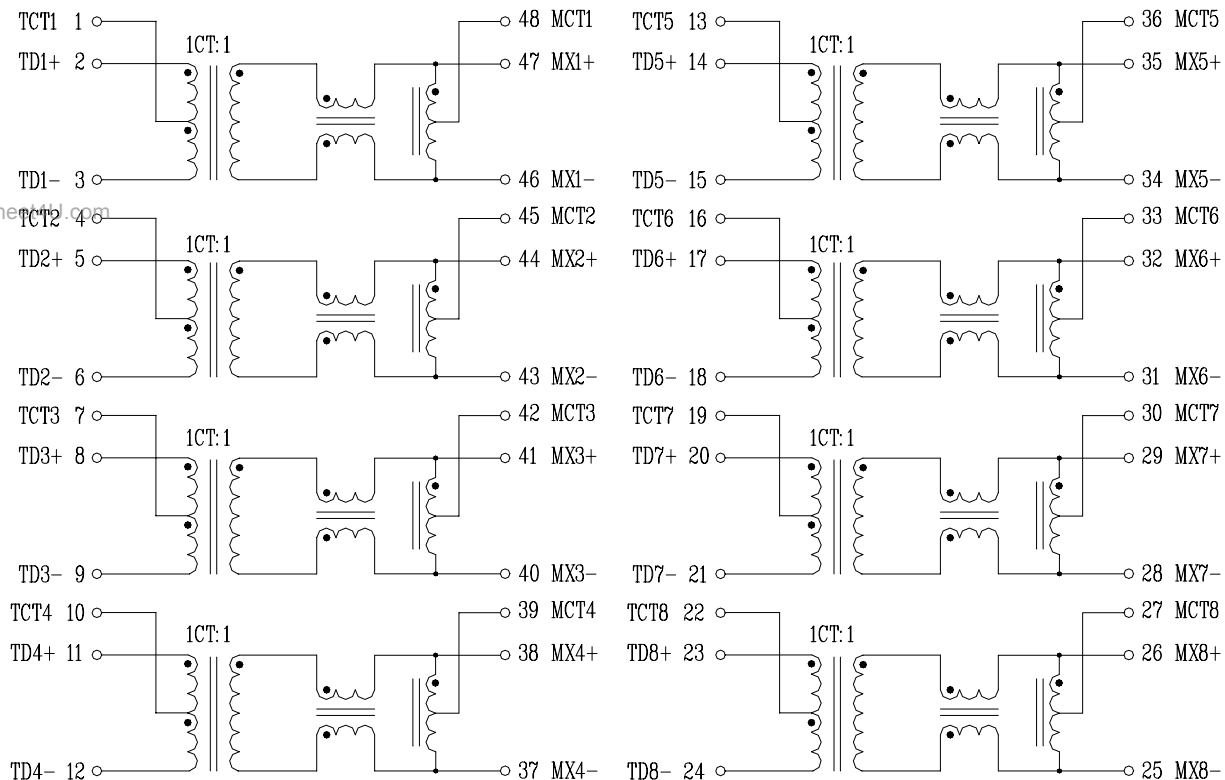


- Designed for Ethernet 100/1000 BASE-T, full duplex applications.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 1000 BASE-T.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)					Voltage Isolation (Vrms)						
	TX		RX									
GS5012	1CT:1		1CT:1			1500						
Continue												
Part Number	Insertion Loss (dB Max.)	Return Loss (dB Min @ 100 Ω)					Cross talk Attenuation (dB Min)			Differential to Common Mode Rejection (dB Min)		
	1–100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
GS5012	-1.0	-18	-14.4	-13.1	-12	-10	-45	-40	-35	-43	-37	-33

Schematic



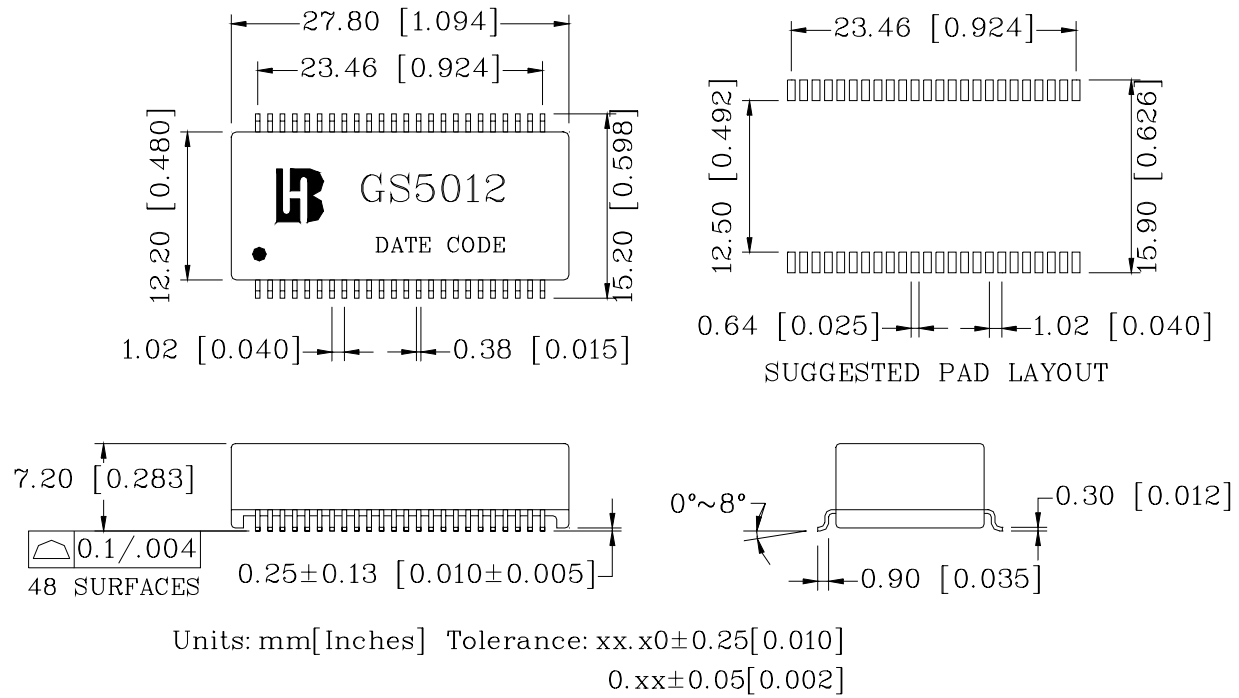
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Mechanical



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