

1000BASE-T MAGNETICS MODULES

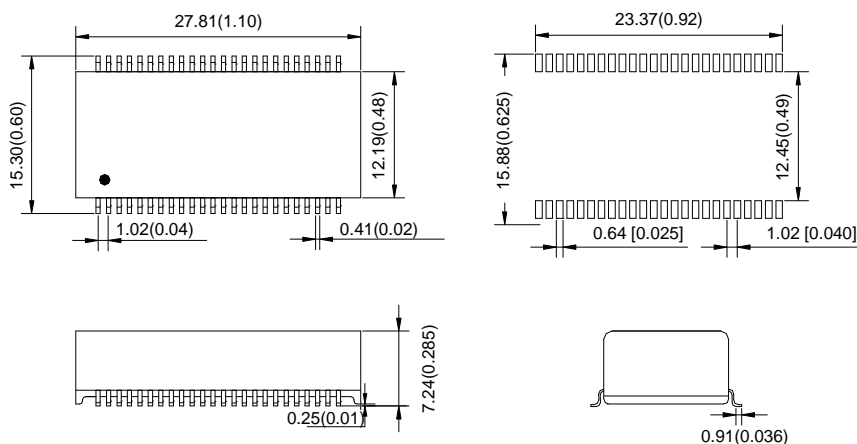
Designed to Support 1:1 Turns Ratio Transceivers

Features:

- Designed for long haul Gigabit Ethernet 10/1000Base-T, full duplex applications.
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3ab standard for 1000Base-T

Electrical Specification @ 25°C Operating Temperature 0 to 70°C													
Part No.	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	
PHST-5014	1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500
PHST-5012	1.4	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-35	-30	1500

Dimension: mm(inch) +/- 0.25(0.01)

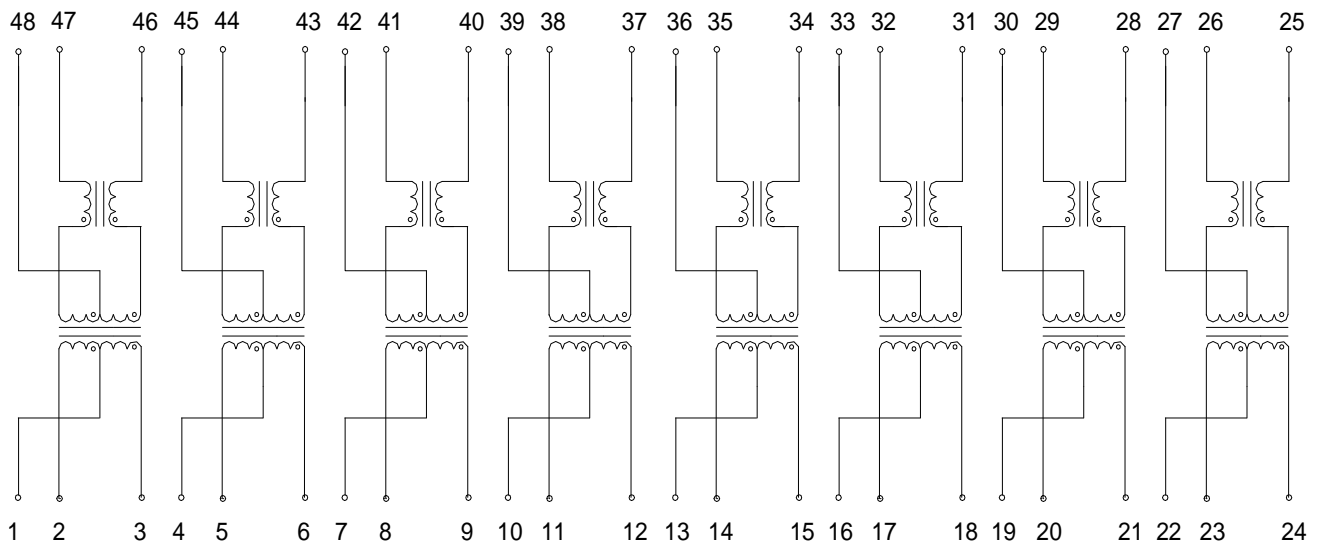


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Schematic:

PHST-5014



PHST-5012

