

## 1000BASE-T MAGNETICS MODULES

Designed to Support 1:1 Turns Ratio Transceivers

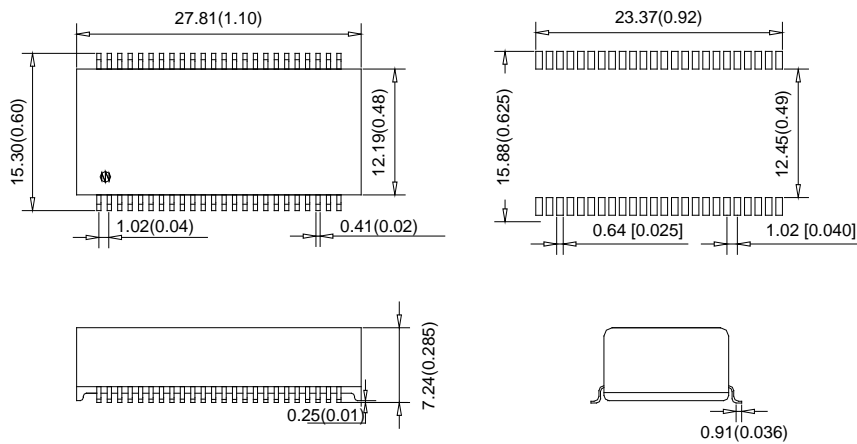
**Features:**

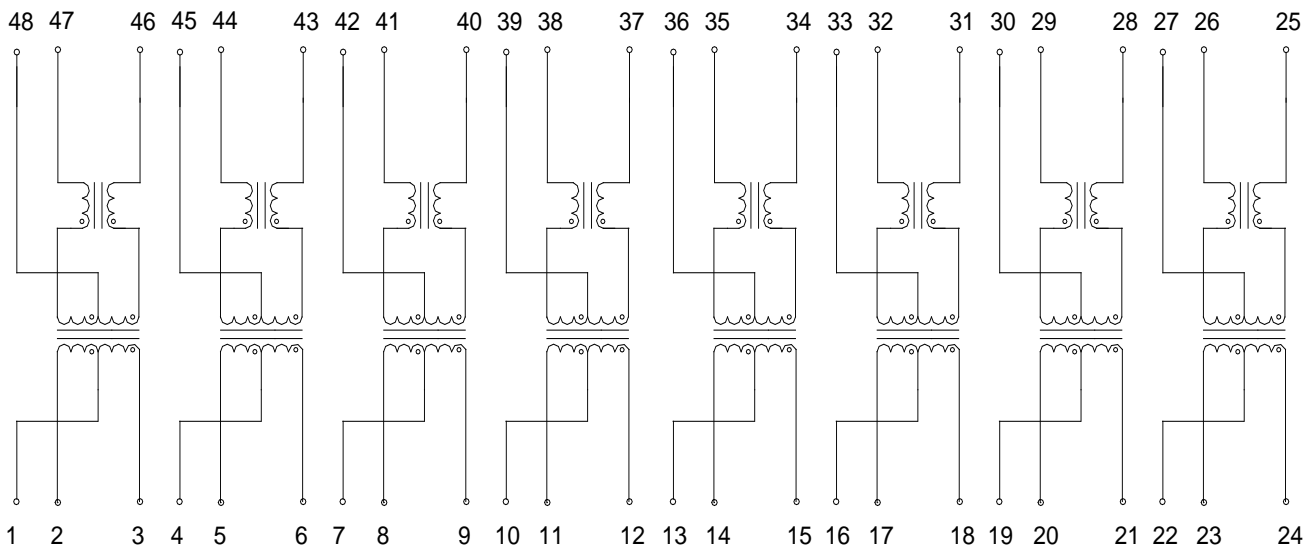
- Designed for long haul Gigabit Ethernet 10/1000Base-T, full duplex applications.
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3ab standard for 1000Base-T

Electrical Specification@25°C Operating Temperature 0 to 70°C

Part No.	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100Ω)					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	
SR-HST-5014	1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-40	-35	1500
SR-HST-5012	1.4	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-45	-35	-30	1500

**Dimension:**mm(inch) $\pm$ 0.25(0.01)



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**Schematic:**
**SR-HST-5014**

**SR-HST-5012**
