

10/100/1000 BASE-T MAGNETICS MODULES

HS 7201

FEATURES:

- Compliant with IEEE 802.3ab Standard for 1000BASE-T.

OPTIONS:

- Tape & Reel is Standard
- Bulk upon request

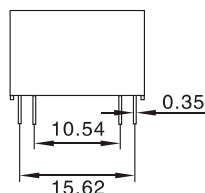
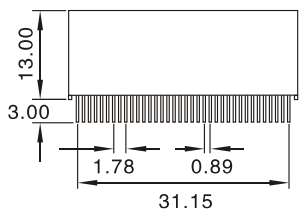
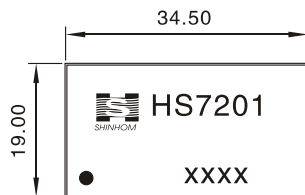
COMMON APPLICATIONS:

- Designed for Ethernet 1000BASE-T, full Quad Port applications.
- Supports 16 pairs of category 5UTP cable.
- Cable interface for isolation and low common Mode emissions.

ELECTRICAL SPECIFICATION @25°C–Operating Temperature 0°C to 70°C

Part number	Turns Ratio ($\pm 2\%$)	Insertion Loss (Max)	Return Loss (dB Min)				Crosstalk (dB Min)				Differential to Common Mode Rejection (dB Min)		Hipot (Vrms Min)
			0.1–100MHz	2–30MHz	40MHz	50MHz	60–80MHz	1kHz	30MHz	60MHz	100MHz	1–60MHz	
HS7201	1CT:1CT	-1.0	-18	-14.4	-18	-13.1	-40	-35	-30	-40	-35	-30	1500

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



DIMENSIONS:mm
Unless otherwise specified all tolerances are ± 0.25

- OCL: 350 μ H Min 8mA DC bias (line side)
- Hi-Pot: 1500 VRMS Min
- Soldering methods: Wave, Reflow
- Operating Temperature: 0°C to 70°C
- Storage Temperature: -25°C to 85°C

Note: All specifications subject to change without notice.

Recommended Pad Layout

