

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

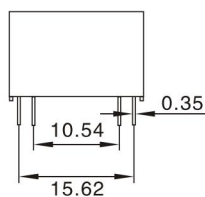
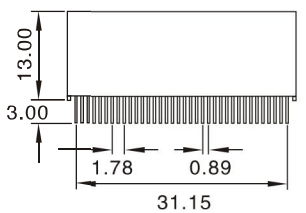
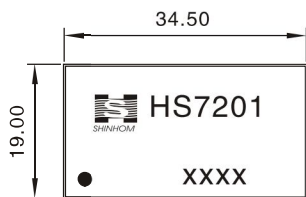
COMMON APPLICATIONS:

- 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 (± 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	60-200MHz	
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

