



HS7201 SERIES

10/100/1000 BASE-T Magnetics Modules

FEATURES

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

OPTIONS

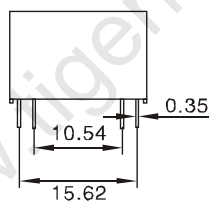
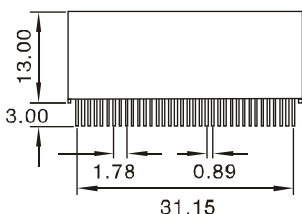
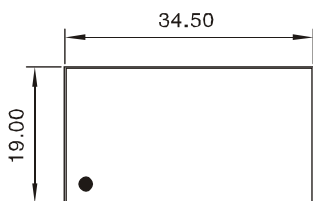
- Tape & Reel is Standard
- Bulk upon request

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.

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)
			0.1-100 MHz	2-30 MHz	40 MHz	50 MHz	60-80 MHz	1kHz	30 MHz	60 MHz	100 MHz	1-60 MHz	60-200 MHz	
HS7201	1CT:1CT	-1.0	-18	-14.4	-18	-13.1	-40	-35	-30	-40	-35	-30	1500	

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



DIMENSIONS:mm
Unless otherwise specified all tolerances are +/-0.25

- OCL:350 μH 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

Recommended Pad Layout

