

10/100/1000BASE-T MAGNETICS MODULES FAHS7201



FEATURES:

Compliant with IEEE 802.3ab Standard
for 1000BASE-T

OPTIONS:

Tape & Reel is Standard
Bulk upon request

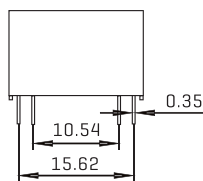
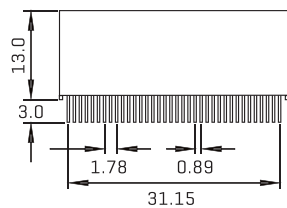
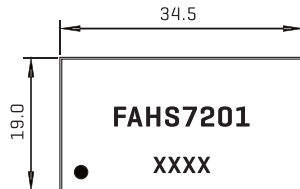
COMMON APPLICATIONS:

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

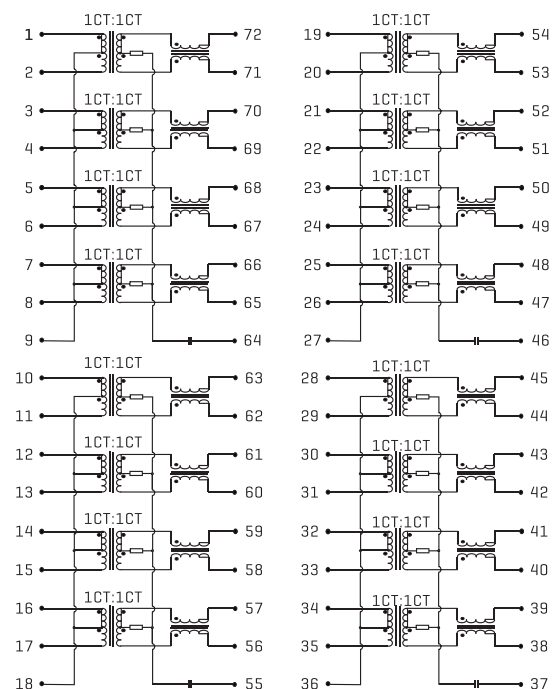
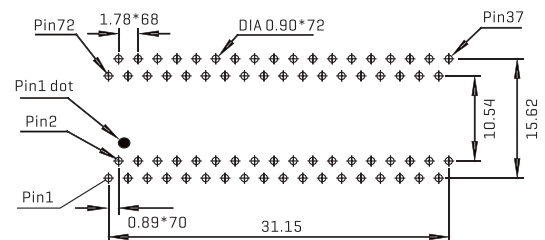
ELECTRICAL SPECIFICATION@25°C -Operating Temperature 0°C to 70°C

Part number	Turns Ratio [±2%]	Insertion Loss [Max]	Return Loss [dB Min]					Crosstalk [dB Min]				Differential to Common Mode Rejection[dB Min]		Hi-pot [Vrms Min]
		0.1-100MHz	2-30MHz	40MHz	50MHz	60-80MHz	1KHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz		
FAHS7201	1CT:1CT	-1.0	-18	-14.4	-18	-13.1	-40	-35	-30	-40	-35	-30	1500	

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



Recommended Pad Layout



OCL:350uH 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

DIMENSIONS:mm
Unless otherwise specified all
tolerances are±0.25

Note:All specifications subject to change without notice.