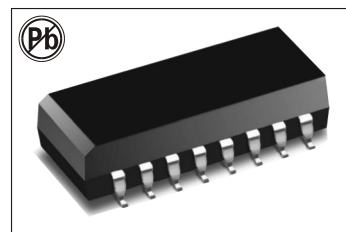


10/100 BASE MAGNETIC MODULES

PHS16001S-16002S



FEATURES:

Designed to meet IEEE 802.3 requirements.

OPTIONS:

Tape & Reel is Standard
Bulk upon request

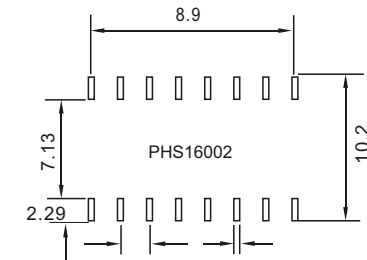
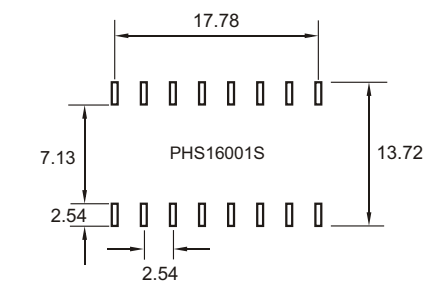
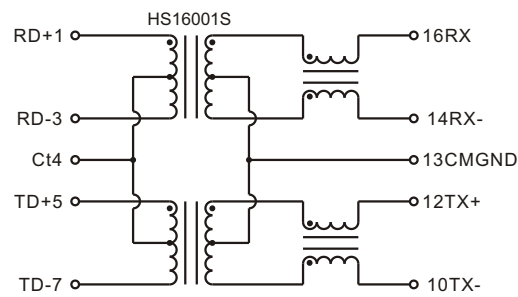
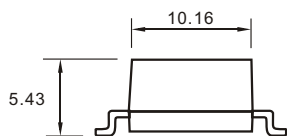
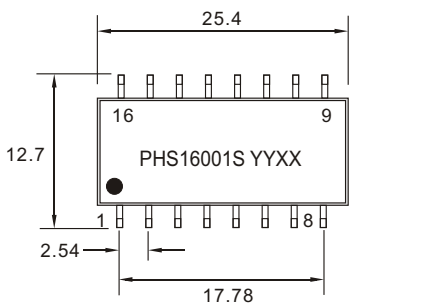
COMMON APPLICATIONS:

Cable interface for isolation and low common mode emissions.
Multiport Repeater & Ethernet Switching HUB

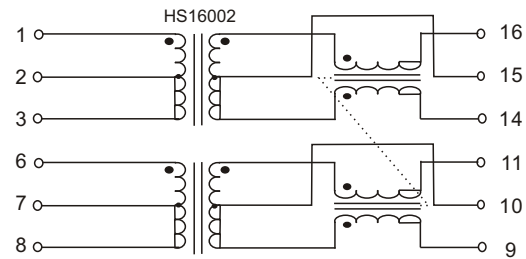
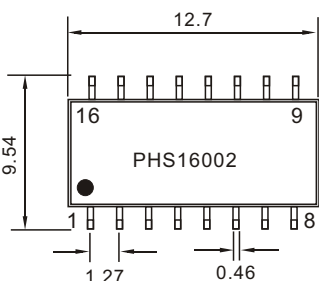
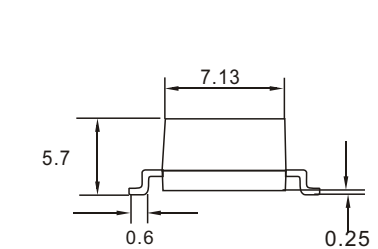
ELECTRICAL SPECIFICATION @25 °C -Operating Temperature 0 °C to 70 °C

Part number	Turns Ratio (%)	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	
PHS16001S	1CT:1CT	-1.0	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500	
PHS16002	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-55	-45	-40	-33	-37	-25	1500	

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



DIMENSIONS: mm
Unless otherwise specified all tolerances are 0.25



OCL:350 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.