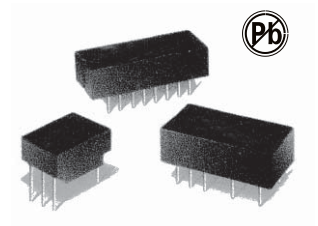


10/100BASE-TX MAGNETICS MODULES FAHS1606, 2007



FEATURES:

Designed to meet IEEE 802.3 requirements
Through-hole Low cost design

OPTIONS:

Tape & Reel is Standard
Bulk upon request

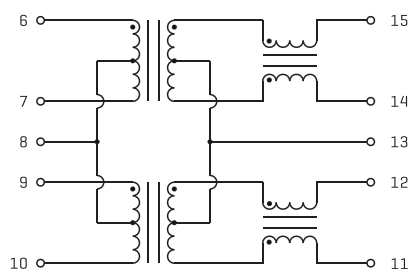
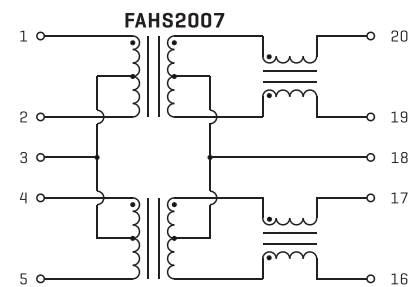
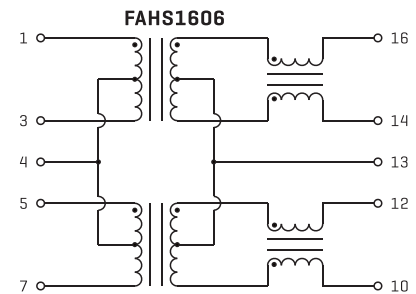
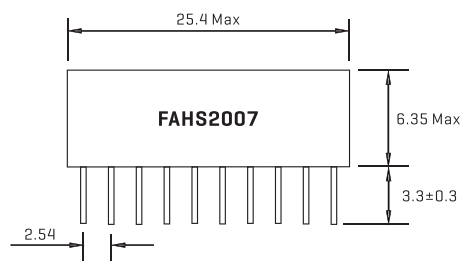
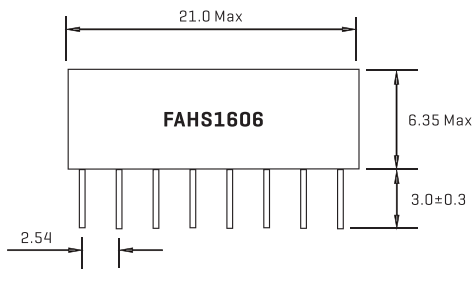
COMMON APPLICATIONS:

Multiport Repeater & Ethernet Switching HUB
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	
FAHS1606	1CT:1CT	-1.1	-16	-15.0	-13.0	-12	-38	-38	-38	-38	-38	-38	-38	15
FAHS2007	1CT:1CT	-1.0	-16	-12.0	-10.0	-37	-25	-40	-40	-35	-40	-35	1500	

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



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.