



# 10/100BASE-TX MAGNETICS MODULES FAHS1164

## FEATURES:

Compliant with IEE 802.3u and ANSI X.3.263 Standards including 350uH OCL with 8mA bias  
Cable interface for isolation and low common mode emissions

## OPTIONS:

Tape & Reel is Standard  
Bulk upon request

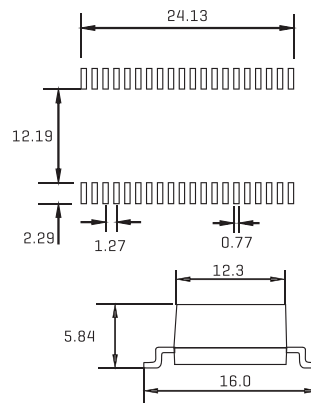
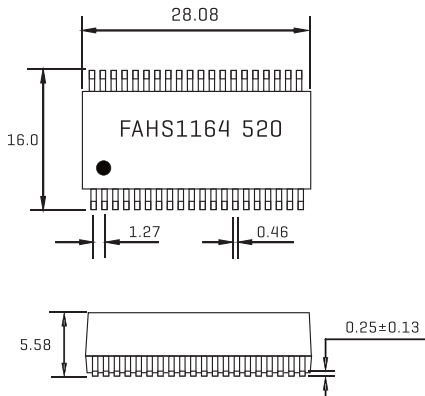
## COMMON APPLICATIONS:

Symmrtria TX and RX channels for auto MDI/MDIX capability.  
Approved for use with Broadcom BCM5226/BCM5228 and Level One LXT9784 Multiport Repeater & Ethernet Switching HUB

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

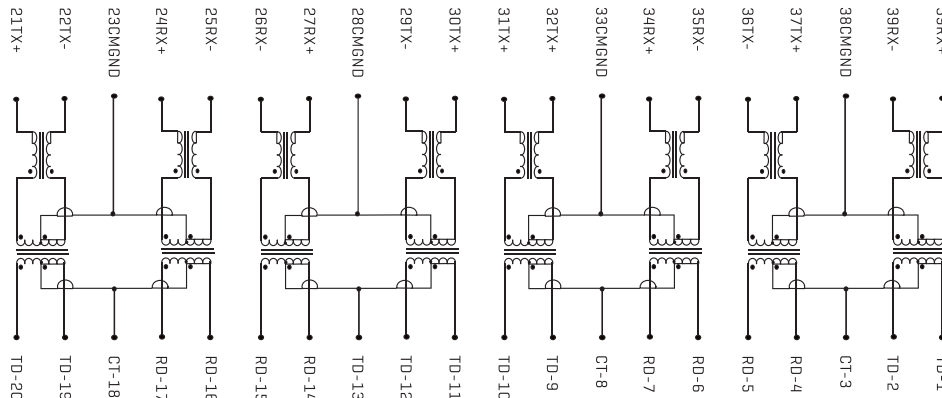
Part number	Turns Ratio [±2%]	Insertion Loss [Max]	Return Loss [dB Min]					Crosstalk [dB Min]				Differential to Common Mode Rejection[dB Min]		Hi-pot [Vrms Min]
			0.1-100MHz	2-30MHz	40MHz	50MHz	60-80MHz	1KHz	30MHz	60MHz	100MHz	1-60MHz	60-200MHz	
FAHS1164	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-55	-45	-40	-33	-37	-25	1500	

### TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:



DIMENSIONS:mm

Unless otherwise specified all tolerances are 60.25



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

Note:All specifications subject to change without notice.