

# ISDN S-INTERFACE MAGNETICS MODULES FAHS5011-5015



## FEATURES :

Meet Industry Standard Footprints  
Designed for enhanced EMC performance  
ISDN Interface Isolation  
Through-Hole Dual 1500Vrms

## OPTIONS:

Bulk upon request  
Custom Design Available

## COMMON APPLICATIONS:

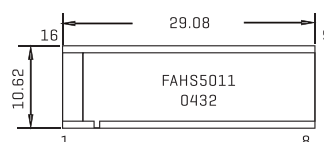
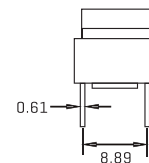
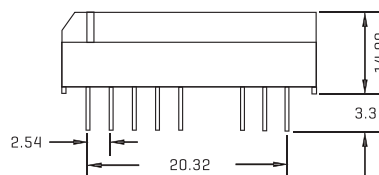
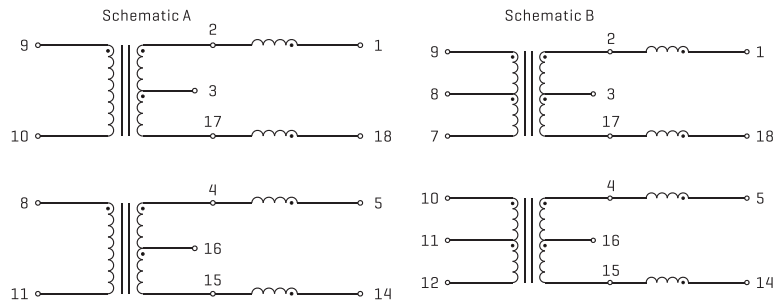
Cable interface for isolation and low common mode emissions  
Designed to fit behind 1\*1 Rj45 connector  
ISDN S-Interface Single Port

## STANDARD SPECIFICATIONS

Part number	Transformer						Choke				Schematic
	Inductance OCL [mH Min]	Inductance Leakage [uH Max]	Interwinding Capacitance [pF Max]	DC Resistance [ohms Max]		Turn Ratio Pri:Sec [±3%]	Inductance OCL [mH Min]	Inductance Leakage [uH Max]	DC Resistance [ohms Max]	Turns [±5%]	
				Pri	Sec						
FAHS5011	30	10	150	4.00	4.00	1CT:1CT	4.70	0.6	1.20	1:1:1	A
FAHS5012	30	30	150	4.00	6	1CT:2CT	4.70	0.6	1.20	1:1:1	A
FAHS5013	30	30	150	4.00	9	1CT:2.5CT	4.70	0.6	1.20	1:1:1	A
FAHS5015	30	30	150	4.00	6	1CT:2CT	4.70	0.6	1.20	1:1:1	B

## TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Dimension:mm  
Isolation Hi-Pot:1500 VRMS(Pri/Sec)  
Soldering methods:Wave,Reflow  
Operating Temperature:0°C to 70°C  
Storage Temperature:-55°C to 125°C  
Note:All specifications subject to change without notice



Recommended Pad Layout

