

1000 BASE-T COUPLING TRANSFORMER FANS16008S,16009S

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
Designed to fit with Intel, Panasonic, Asus, Semiconductor
Meet FCC Class B Approval
SMT Pick & Place Available

OPTIONS:

Bulk upon request
Custom Design Available
Thru Hole Available

COMMON APPLICATIONS:

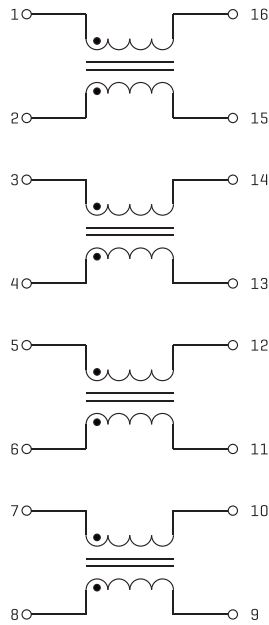
Cable interface for isolation and low common mode emissions
Designed to fit with Intel, Panasonic, Asus, Semiconductor
Designed for reflow soldering at temperature up to 234°C non-RoHS, 260°C RoHS

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

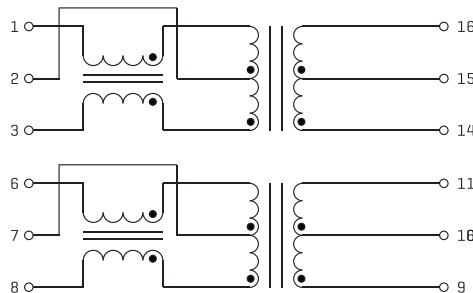
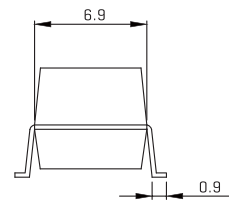
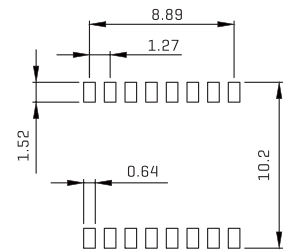
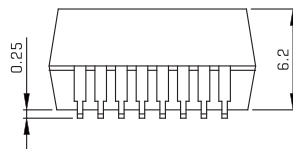
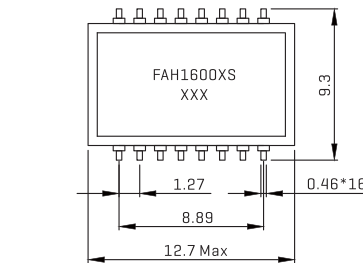
Part number	Turns Ratio	Insertion Loss [dB Max] 100K-100MHz	Return Loss [dB Min @ 100 ohms]				Crosstalk [dB Type]			Differential to common mode rejection [dB Min]			Isolation Volage [Vrms]
	Rx:Tx		0.5-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	50 MHz	100 MHz	
	±2% Max												
FAHS16008S	1CT:1CT	-0.1	-18	-16	-14	-12	-35	-35	-35	-40	-40	-40	1500CT
FAHS16009S	1:1:1:1:1:1:1:1	-0.1	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500CT

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



FAHS16009S



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Unless otherwise specified all tolerances are ±0.25