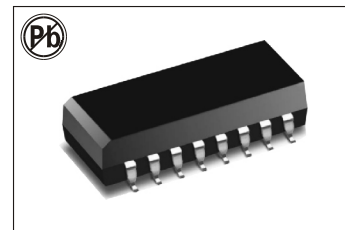


1000 BASE-T TRANSFORMER MODULES

HS 16008S, 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
- Meet FCC Class B Approval.
- SMT Pick & Place Available

OPTIONS:

- Bulk Packaging is Standard
- Custom Design Available
- Thru Hole Available

COMMON APPLICATIONS:

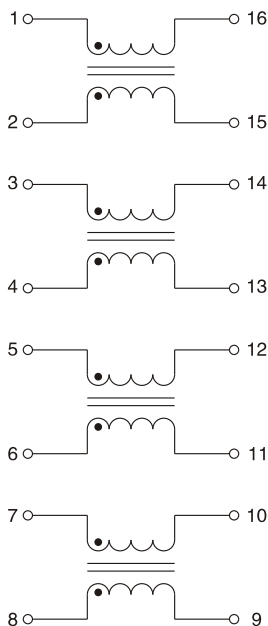
- Cable interface for isolation and low common mode emissions.
- Designed to fit with Intel, Panasonic, Asus, Semiconductor.
- Designed for reflow soldering at temperature up to 234°C non-RoHS, 260°C RoHS.

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

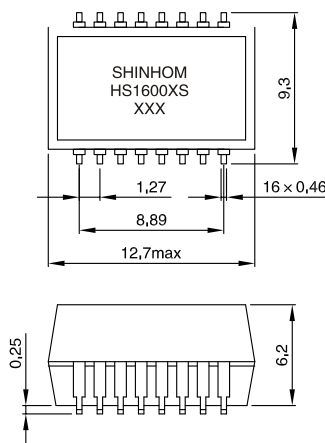
Part No.	Turns Ratio	Insertion Loss (dB Max) 100K–100MHz	Return Loss (dB Min @ 100 Ω)				Crosstalk (db Type)			Differential to common mode rejection (dBMIN)			Isolation Volage (Vrms)
	Rx:Tx												
	± 2% Max		0.5–30 MHz	40 MHz	50 MHz	60–80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	50 MHz	100 MHz	
HS16008S	1CT:1CT	−0.1	−18	−16	−14	−12	−35	−35	−35	−40	−40	−40	1500CT
HS16009S	1:1:1:1:1:1:1	−0.1	−20	−20	−18	−14	−50	−40	−40	−42	−36	−33	1500CT

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

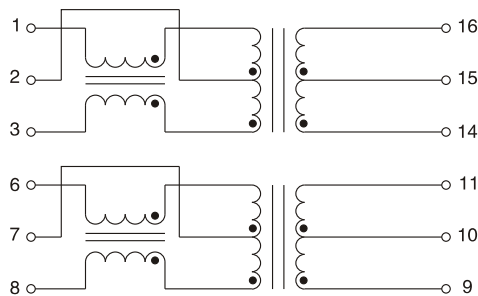
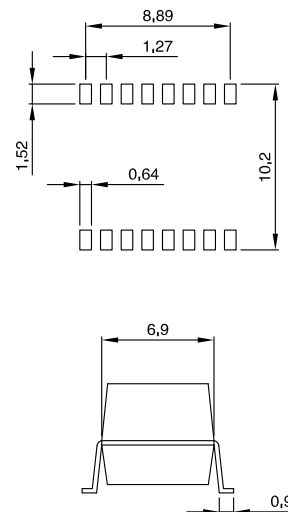
- Dimension: Inch/mm
 - Isolation Hi-pot: 1500Vrms(pri/sec)
 - Soldering methods:Wave,Reflow
 - Operating Temperature:0°C to 70°C
 - Storage Temperature:–55°C to 125°C
- Note:All specifications subject to change without notice.



HS16009S



Dimensions in mm



HS16008S

Unless otherwise specified all tolerances are ± 0.25