



HS16008S, HS16009S

1000 BASE-T Transformer Modules

FEATURES

- Compliant with IEE 802.3u and ANSI X.3.263 Standards including 350µH 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

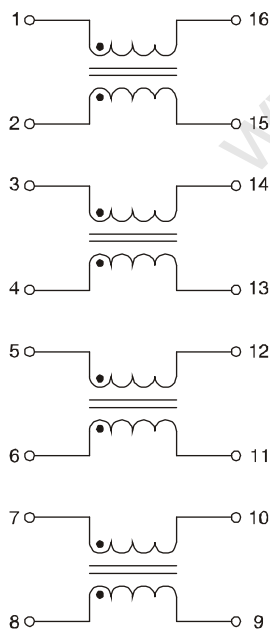
APPLICATIONS

- Cable interlace 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.

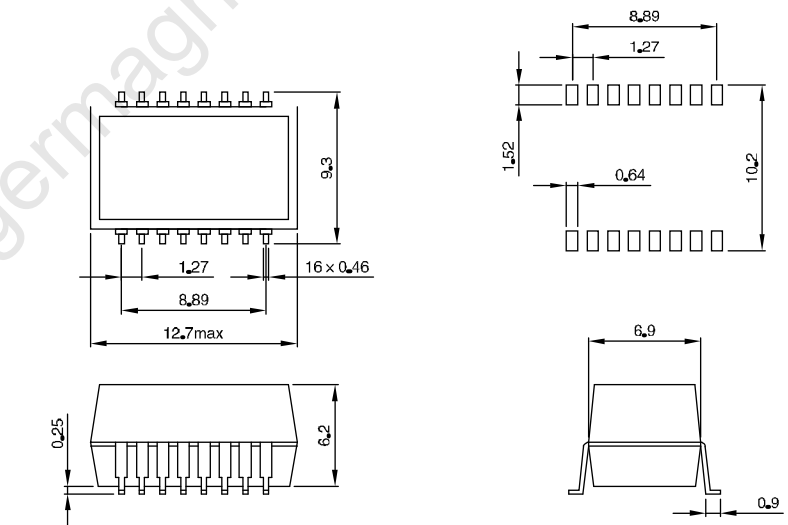
Part No.	Turns Ratio	Insertion Loss (dB Max) 100K-100MHz	Return Loss (dB min@100Ohm)				Crosstalk (db Type)			Differential to common mode rejection (dBMIN)			Isolation Voltage (Vrms)
	Rx:Tx ±2% Max		0.5-30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	50 MHz	100 MHz	
HS16008S	1CT:1CT	-0.1	-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

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

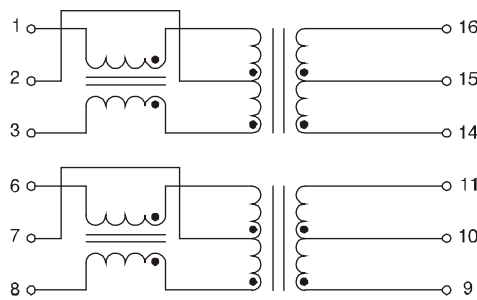
- Dimension: Inch/mm
- Isolation Hi-pot: 1500Vrms(pri/sec)
- Soldering methods:Wave,Reflow
- Operating Temperature:0°C to 70°C
- Storage Temperature:-55°C to 125°C
- Note:All specifications subject to change without notice.



HS16009S



Dimensions in mm



HS16008S

Unless otherwise specified all tolerances are ± 0.25