



# HS16015S, HS16063S

## 10/100/1000 BASE-T Magnetics Modules

### FEATURES

- Designed to fit with Broadcom, Intel, Micrel, National, Semiconductor, ICS
- Compliant with IEE 802.11 and ANSI X.3.263 standards Including 350uH OCL with 8mA bias.

### OPTIONS

- Tape & Reel is Standard
- Bulk upon request

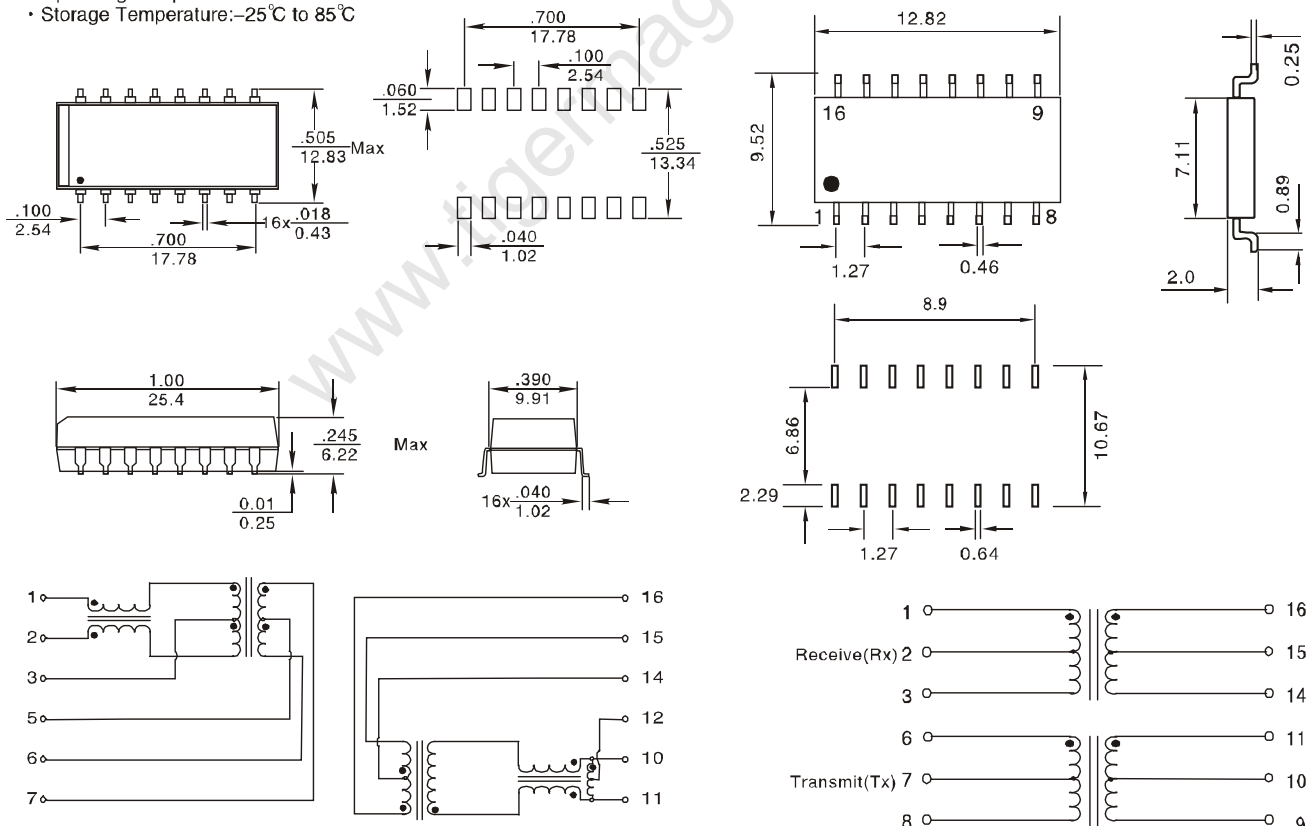
### APPLICATIONS

- Cable interface for isolation and low common mode emissions.
- Multiport Repeater & Ethernet Switching HUB

Part Number	Turns Ratio (±2%)	Insertion Loss (Max)	Return Loss (dB Min)				Crosstalk (dB Min)				Differential to Common Mode Rejection (dB Min)		Hipot (VrmsMin)
			0.1-100 MHz	2-30 MHz	40 MHz	50 MHz	60-80 MHz	1 kHz	30 MHz	60 MHz	100 MHz	1-60 MHz	
HS16015S	1CT:1CT	-1.0	-20	-20	-18	-14	-50	-40	-40	-42	-36	-33	1500
HS16063S	1CT:1CT	-1.0	-18	-14.4	-13.1	-12	-65	-50	-40	-35	-40	-35	1500

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

- OCL:350 μH 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



DIMENSIONS:  $\frac{\text{Inch}}{\text{mm}}$

Unless otherwise specified all tolerances are  $\pm 0.010(0.25)$

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