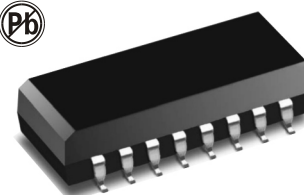


10/100/1000 BASE-T MAGNETICS MODULES

HS16015S, HS16063S



FEATURES:

- Designed to fit with Broadcom, Intel, Micrel, National, Semiconductor, ICS
- Compliant with IEE 802.3u and ANSI X.3.263 standards Including 350uH OCL with 8mA bias.

OPTIONS:

- Tape & Reel is Standard
- Bulk upon request

COMMON APPLICATIONS:

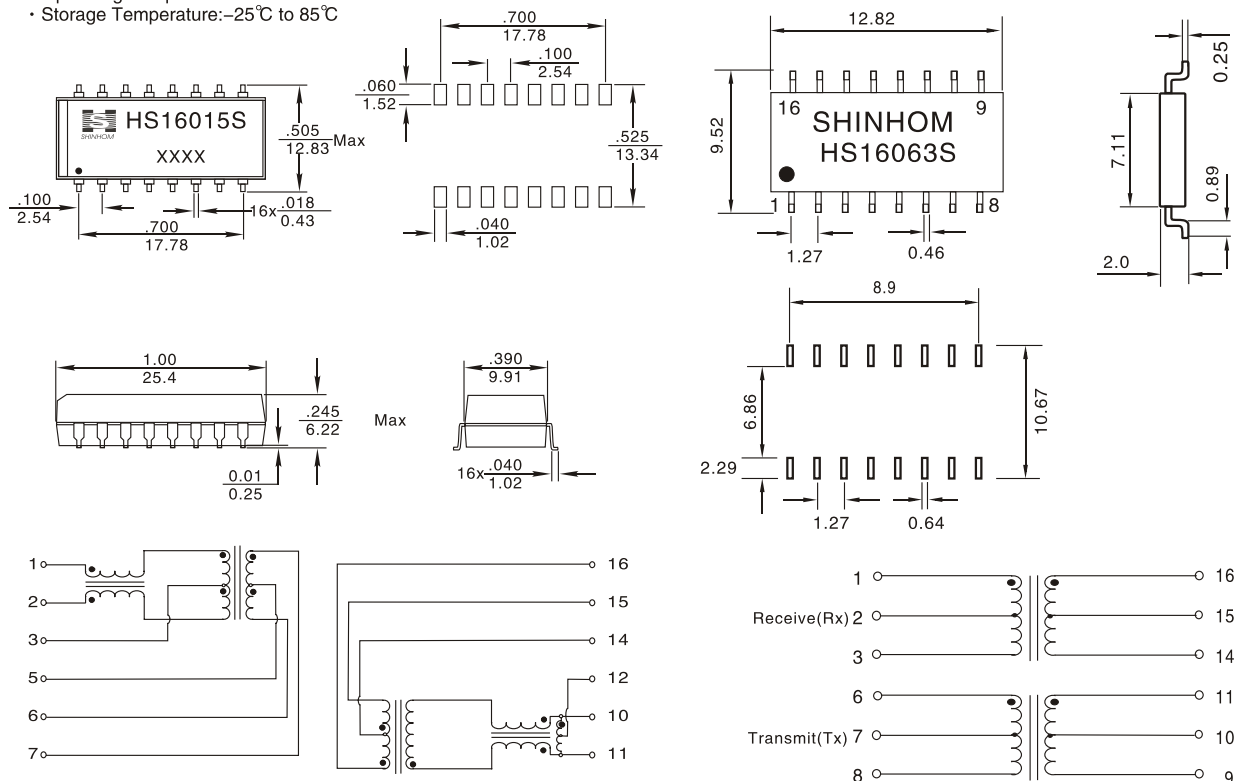
- Cable interface for isolation and low common mode emissions.
- Multiport Repeater & Ethernet Switching HUB

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

Part number	Turns Ratio (± 2%)	Insertion Loss (Max)	Return Loss (dB Min)				Crosstalk (dB Min)				Differential to Common Mode Rejection (dB Min)		Hipot (Vrms Min)
		0.1–100MHz	2–30MHz	40MHz	50MHz	60–80MHz	1kHz	30MHz	60MHz	100MHz	1–60MHz	60–200MHz	
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

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

- OCL: 350 μ H 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 $\pm 0.010 (0.25)$

Note: All specifications subject to change without notice.

DIMENSIONS: mm

Unless otherwise specified all tolerances are ± 0.25