

- Designed for long haul gigabit Ethernet 1000 BASE-T, full duplex applications.
- Supports 4 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 1000 BASE-T.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +85 .



Electrical Specifications @ 25

Part Number	Return Loss (dB Min)@Load 100Ω					Cross talk Attenuation (dB Min)			HI-POT
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	
24SH10410 HF	-18	-14.4	-13.1	-12	-10	-45	-40	-35	5000V /1mA /2s

Continue

Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V	DCMR (dB Min)			Insertion Loss (dB Max)
	TX	RX		30MHz	60MHz	100MHz	1-100MHz
24SH10410 HF	1CT:1CT	1CT:1CT	350	-43	-37	-33	-1.0

NOTE:

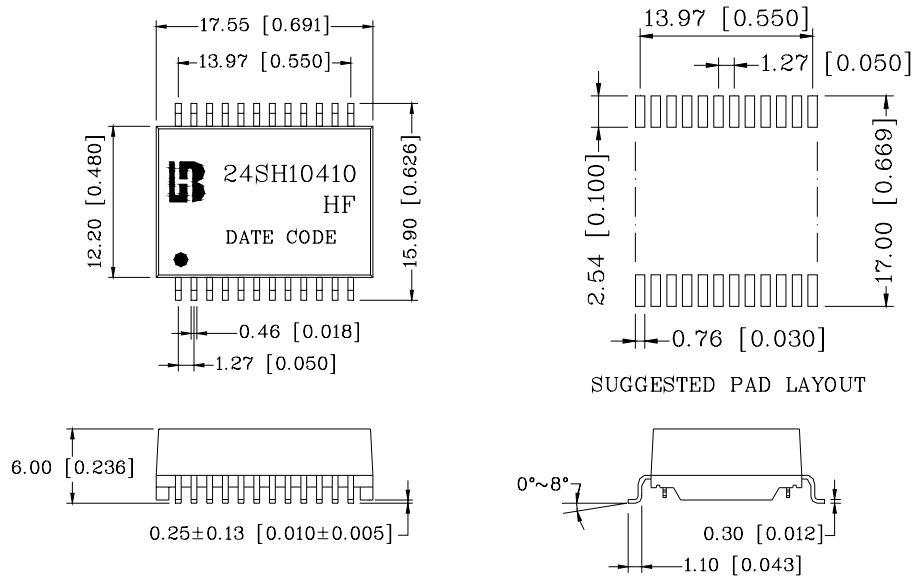
For customized parts or more detailed information, please log on www.bothhandusa.com or write to sales@bothhandusa.com

1000 BASE -T MAGNETICS MODULES

Page 2 of 2

Mechanicals

24SHxxxx HF



Units: mm[Inches] Tolerances: xx.x0±0.25[0.010]
0.xx±0.05[0.002]

Specification	Packing Manner	Q'ty per Tube/Reel	Q'ty/ Inner box	Q'ty/ Carton
24SHxxxx HF	REEL	350	350	1750

Schematics

24SH10410 HF

