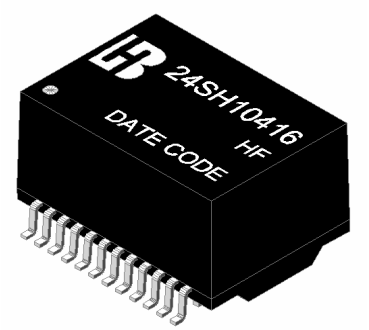
1000 BASE –T MAGNETICS MODULES
P/N: 24SH10416 HF DATA SHEET

BOTHHAND USA

Feature

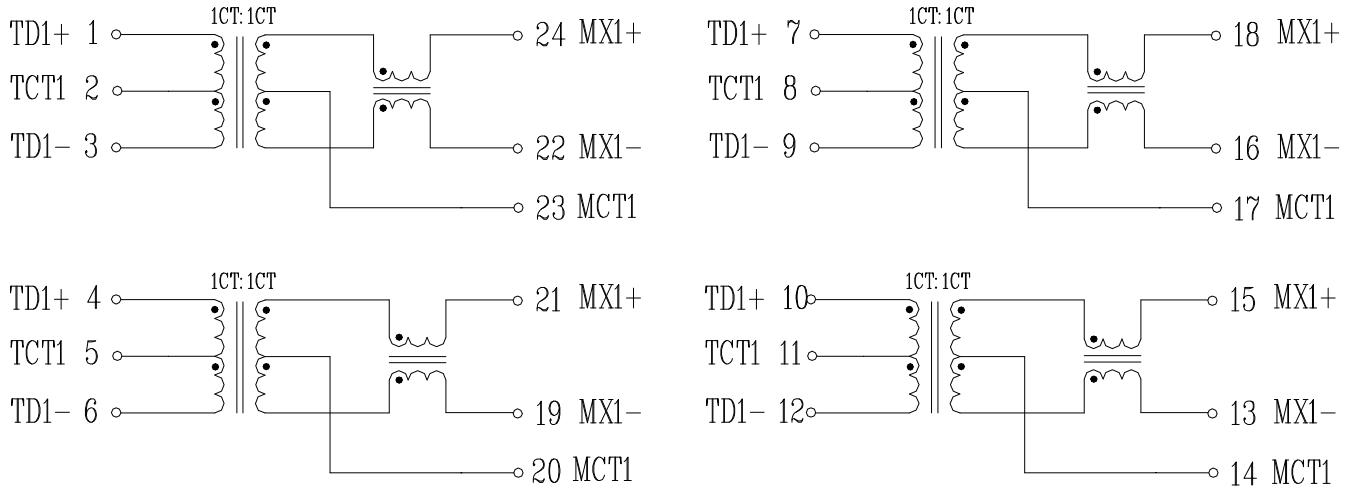


- Complying with ROHS & Halogen Free requirements.
- Operating temperature range: -40℃ to +85℃.
- Storage temperature range: -55℃ to +125℃.

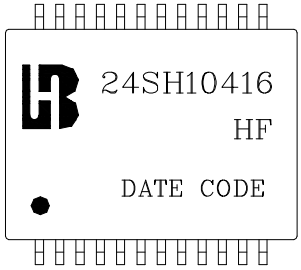
Electrical Specifications @ 25°C							
Part Number	Turns Ratio (±5%)		OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	Cross talk Attenuation (dB Min)			HI-POT (Vrms)
	TX	RX		30MHz	60MHz	100MHz	
24SH10416 HF	1CT:1CT	1CT:1CT	350	-43	-37	-33	5000V /2mA /60s

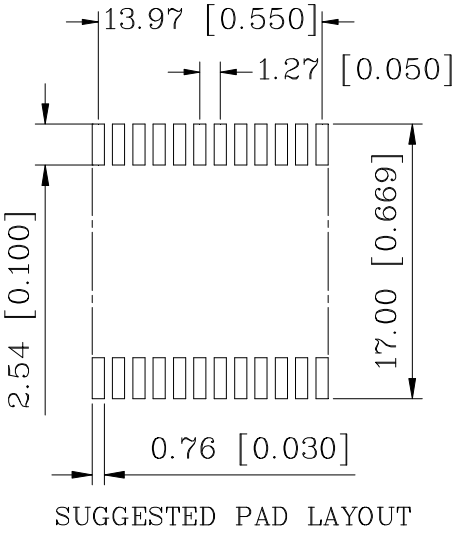
Continue									
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 100Ω					DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
24SH10416 HF	-2.1	-18	-12	-10	-8	-7	-43	-37	-33

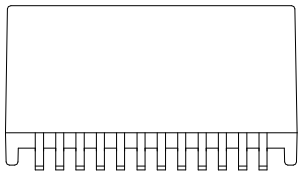
Schematic

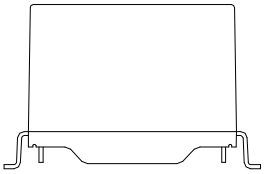


Mechanical









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