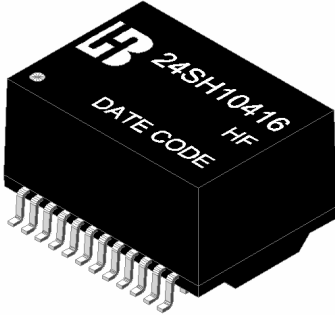


1000 BASE -T MAGNETICS MODULES

P/N: 24SH10416 HF DATA SHEET



Feature



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

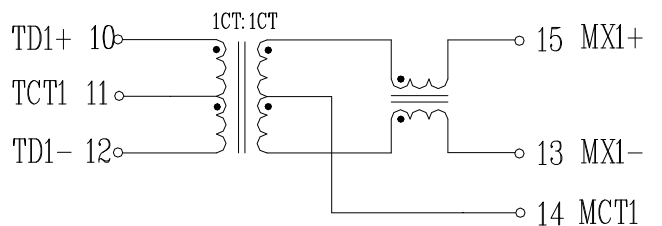
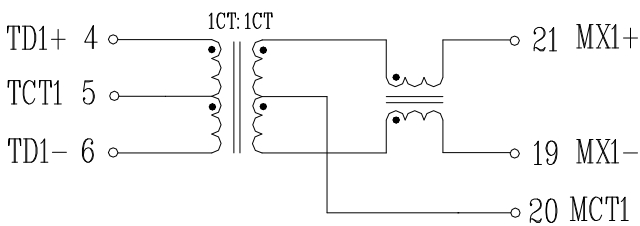
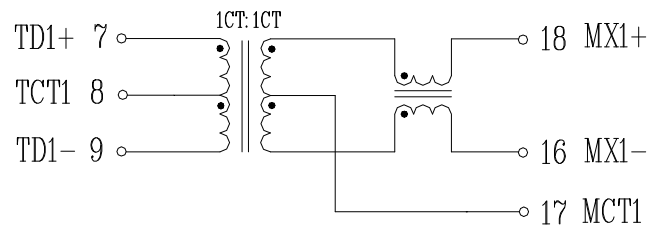
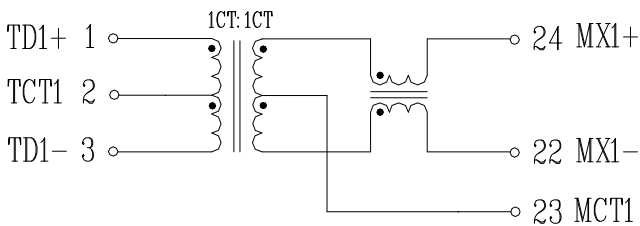
Electrical Specifications @ 25°C

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

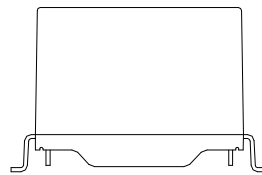
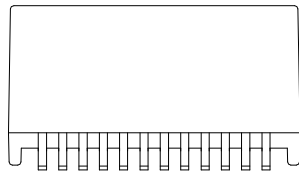
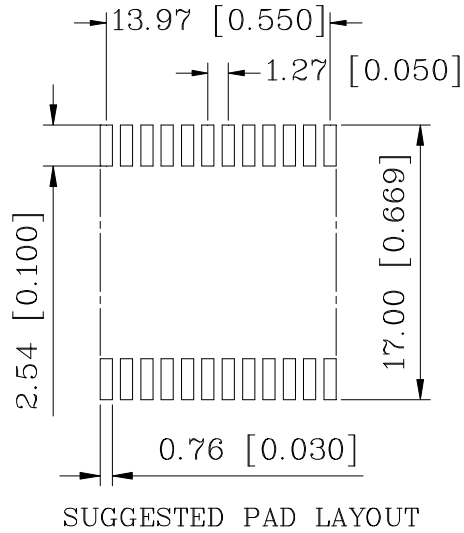
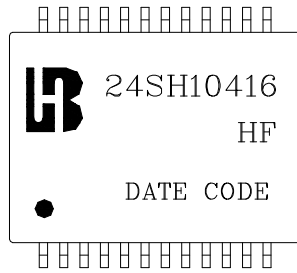
Continue

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
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]