

**P/N: 24HST1041C-2 DATA SHEET****Feature**

- Designed for Ethernet 100/1000 BASE-T, full duplex applications.
- Supports 8 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.
- Operating temperature range: 0 to +70 .
- Storage temperature range: -25 to +125 .

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		Cross talk Attenuation (dB Min)			HI-POT (Vrms)
	TX	RX	30MHz	60MHz	100MHz	
24HST1041C-2	1CT:1CT	1CT:1CT	-40	-35	-30	1500

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Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ Load 100					DCMR (dB Min)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz
24HST1041C-2	-1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33

Schematic**Mechanical**