P/N: 24HST1041A-4 DATA SHEET

Feature

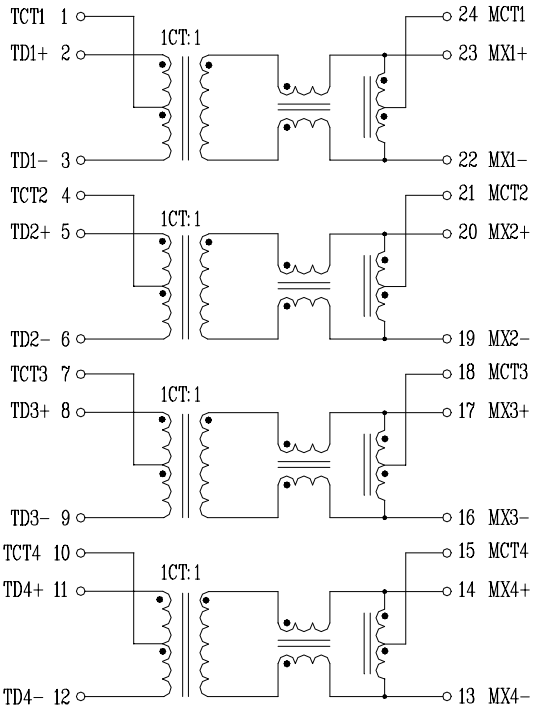


- Designed for long haul gigabit Ethernet 1000 BASE-T, full duplex applications.
- Supports 4 pairs of category UTP-5 cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 1000 BASE-T.
- Operating temperature range: 0℃ to +70℃.
- Storage temperature range: -25℃ to +125℃.

Electrical Specifications @ 25°C						
Part Number	Turns Ratio (±5%)	OCL (uH Min) @100KHz/0.1V with 8mA DC Bias	Cross talk Attenuation (dB Min)			HI-POT (Vrms)
			30MHz	60MHz	100MHz	
24HST1041A-4	1CT:1	350	-45	-40	-35	1500

Continue									
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@ Load 100 Ω					DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
24HST1041A-4	-1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33

Schematic



Mechanical

