



Feature



- Designed to Support 2.5GBASE-T Transceivers
- Compliant with IEEE 802.3 standard
- Low profile package for PCI Express
- RoHS compliance and peak reflow temperature rating 260°C
- Operating Temperature -40°C to 85°C
- Storage temperature -25°C to +85 °C.
- Halogen Free requirements.

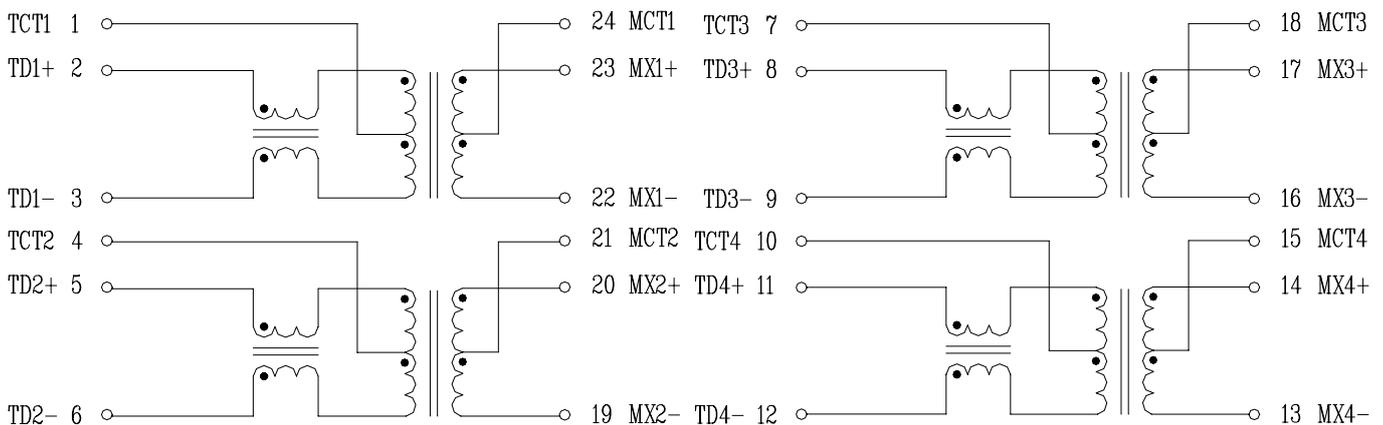
Electrical Specifications@25°C .

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V	Cross talk Attenuation (dBMin)			HI-POT (Vrms)
	TX	RX		1MHz	100MHz	400MHz	
ML24S87THF	1CT:1CT	1CT:1CT	160	-35	-35	-30	1500

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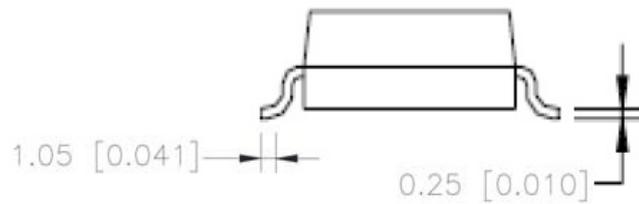
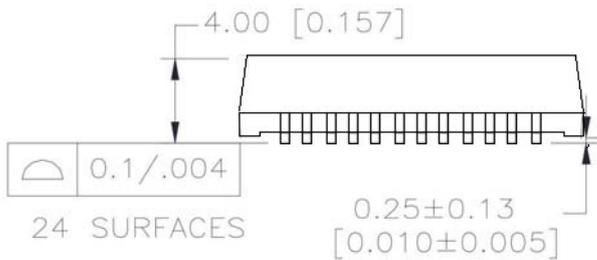
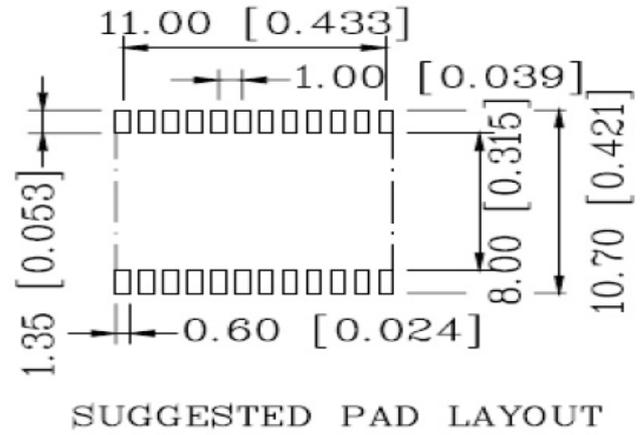
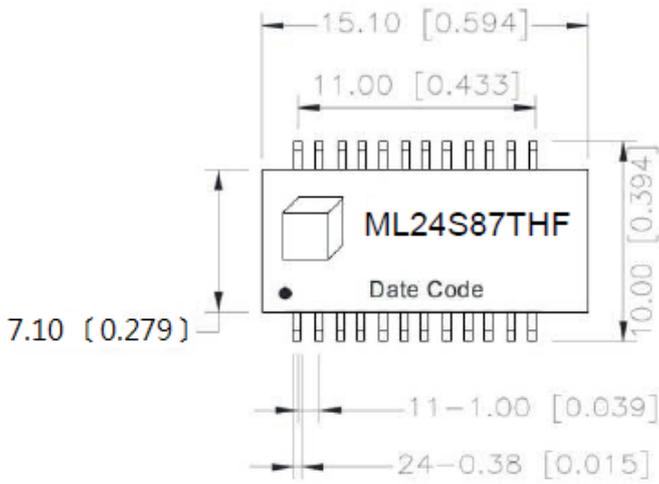
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 100Ω					CMRR (dB Min)		
		1-250MHz	1-40MHz	60MHz	80MHz	150MHz	250MHz	30MHz	100MHz
ML24S87THF	-3.0	-18	-16	-14	-10	-6	-40	-33	-25

Schematic





Mechanical



Dimension:mm(inch)

Unless otherwise specified , all tolerance are +/-0.25(0.01)