



Feature



- IEEE 802.3af Ethernet compatible.
- 100 Base-TX Surface mountable.
- Design for multi-port repeater and Ethernet switch in HUB application.
- Customer designs available for specific application.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range :0°C to +70°C .
- Storage temperature range: -25°C to +85°C

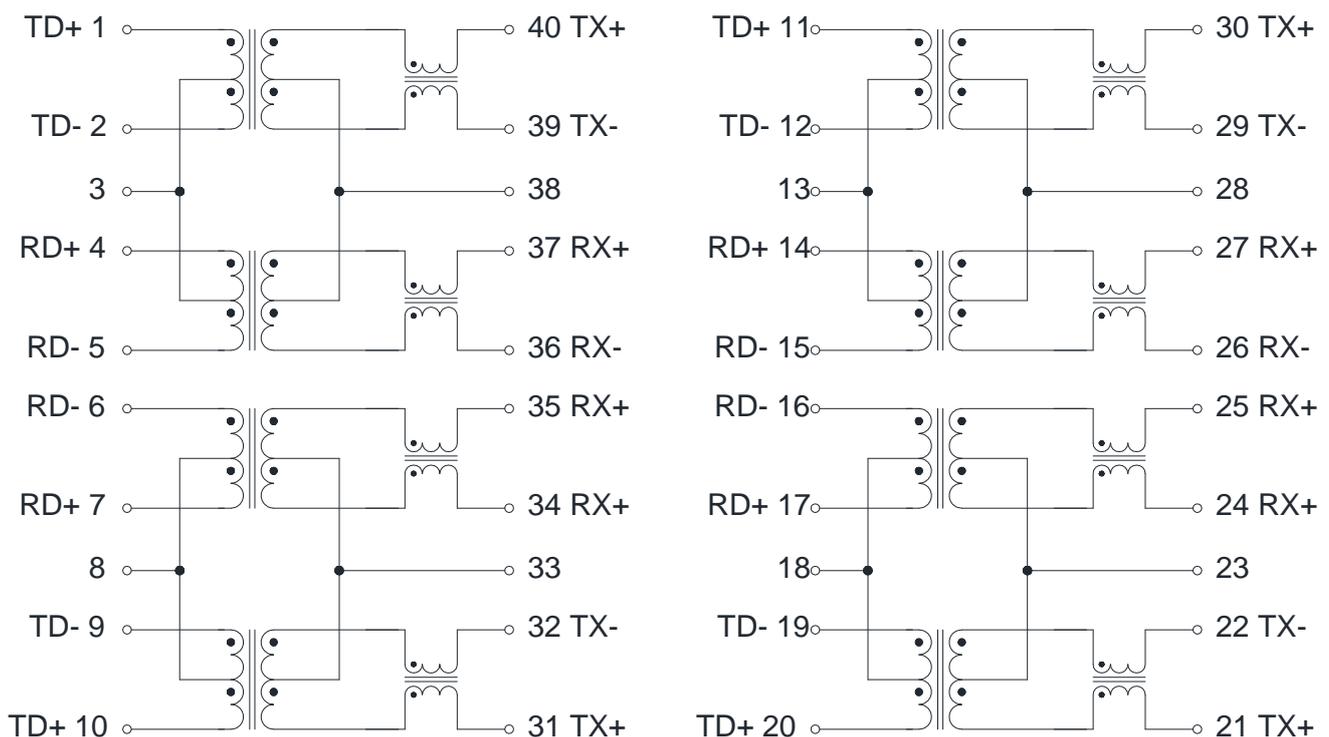
Electrical Specifications@25°C

Part Number	Tums Ratio (±5%)		OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	L.L (uH Max)	Cw/w (pF Typ)	HI-POT (Vrms)
	TX	RX				
ML40S02HF	1CT:1CT	1CT:1CT	350	0.4	56	1500

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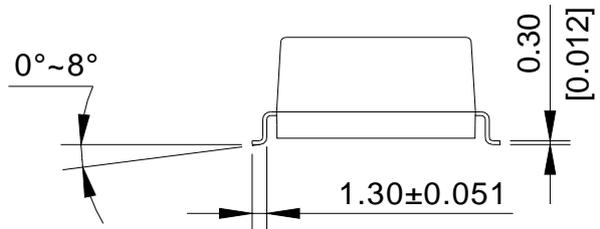
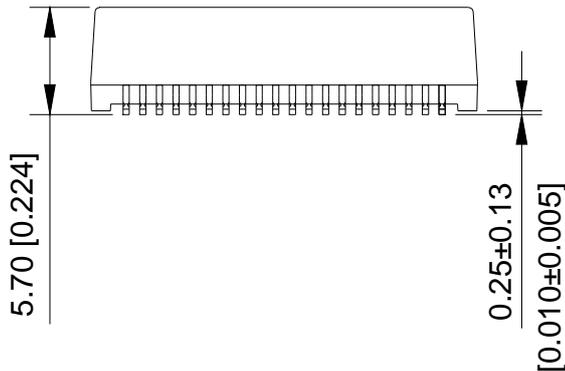
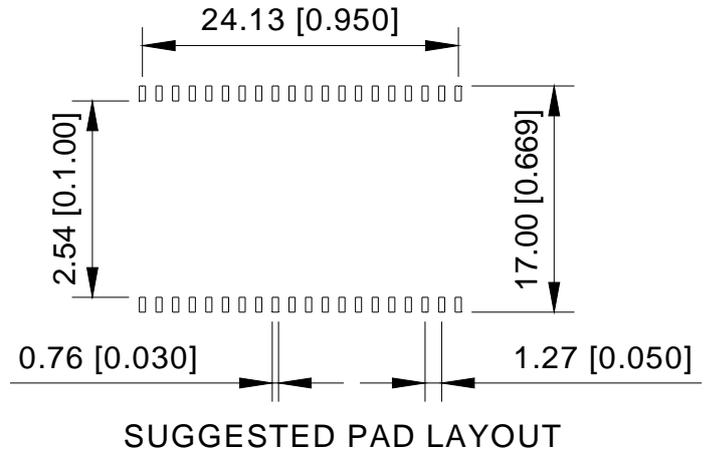
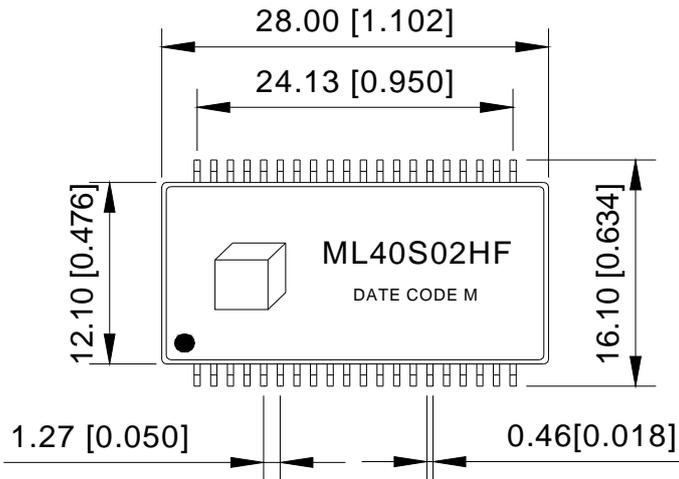
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
		1-100MHz	0.3-30MHz	30-60MHZ	60-80MHZ	100MHz	30MHz	60MHz	100MHz	200MHz
ML40S02HF	-1.15	-16	-12	-10	-40	-35	-37	-28	-25	

Schematic





Mechanical



Units : mm [Inches] Tolerance : XX.X0±0.25 [0.010]
0.XX±0.05 [0.002]