



Feature

- Designed to meet IEEE802.3bt type4 POE++ requirement
- Primary Inductance 350uH/200uH Min 8mA/18mA DC Bias.
- Meet 1A min. balanced DC current per pair
- Designed for reflow soldering at temperatures up to 260°C.
- Storage temperature -25°C to +125°C.
- Operating Temperature -40 to +125°C
- Meet POE Compliant 52W Max./Pair, Total 104W

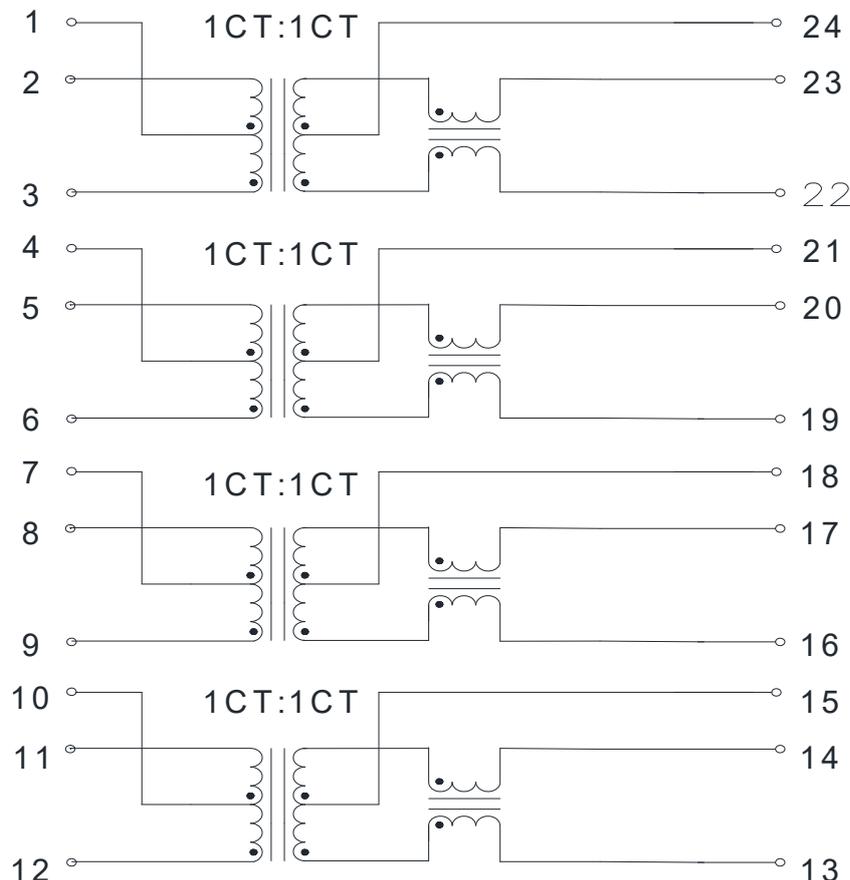
Electrical Specifications@25°C

Part Number	Insertion Loss (dB Max)	Cross talk Attenuation (dBMin)			HI-POT (Vrms)
	1-100MHz	30MHz	60MHz	100MHz	
ML24S10RS	-1.1	-45	-35	-30	1500

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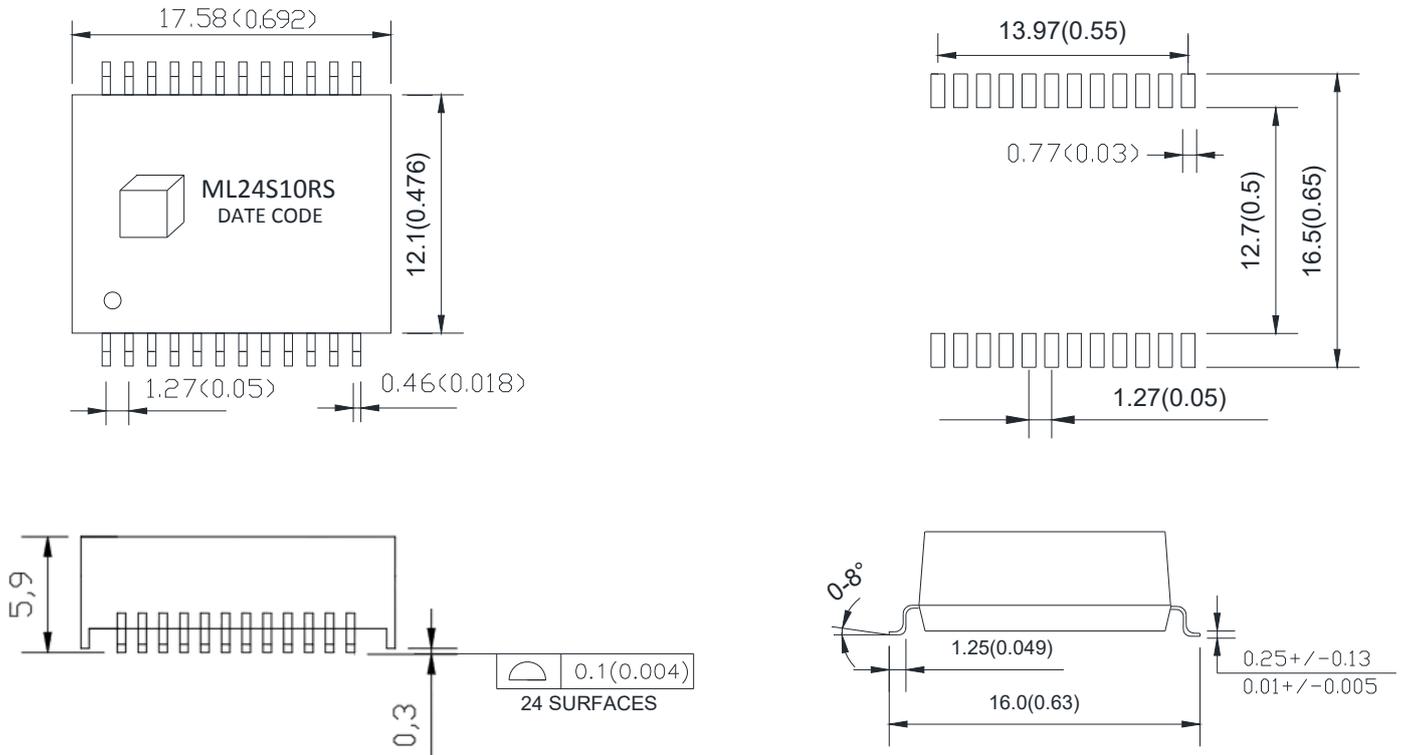
Part Number	Return Loss (dB Min)@Load 100Ω					DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
ML24S10RS	-18	-14.4	-13.1	-12	-10	-43	-37	-33

Schematic





Mechanical



Dimension:mm(inch)Unless otherwise specified , all tolerance are +/-0.25(0.01)