



Feature



- Compliant with IEEE 802.3at standard for 1000Base-T.
- Suitable for PoE+ applications(720mA@57V continuous).
- Primary Inductance 350uH/200uH Min 8mA/18mA DC Bias.
- Designed for reflow soldering at temperatures up to 260°C.
- Storage temperature -25°C to +125°C.
- Operating Temperature -40 to +85°C

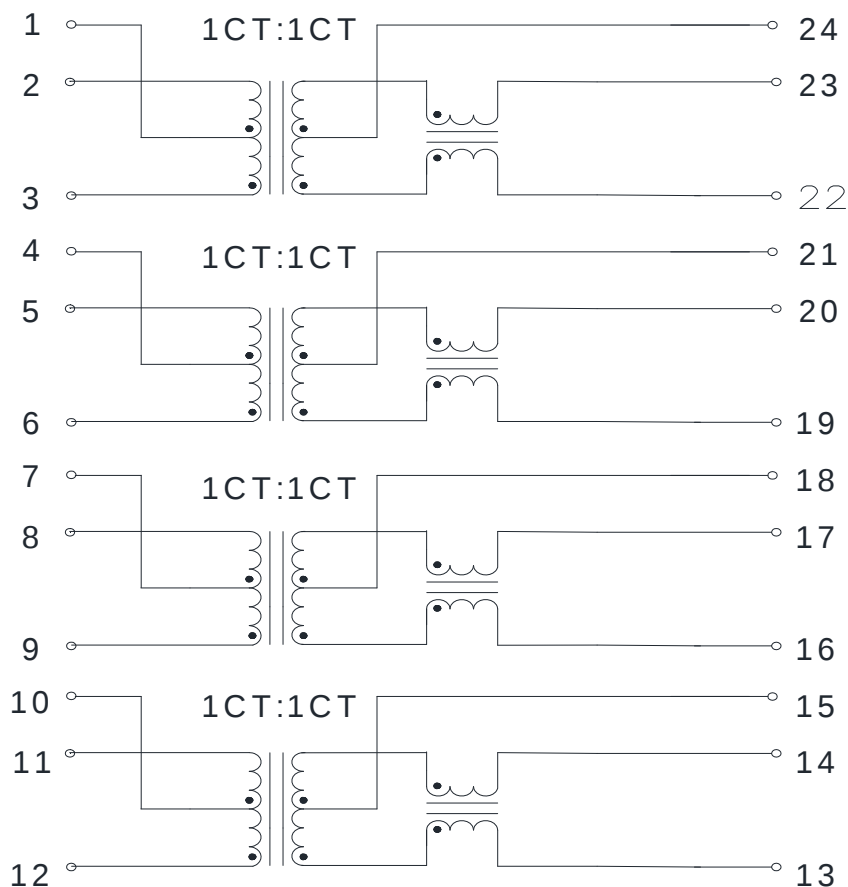
Electrical Specifications@25°C

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

Continue

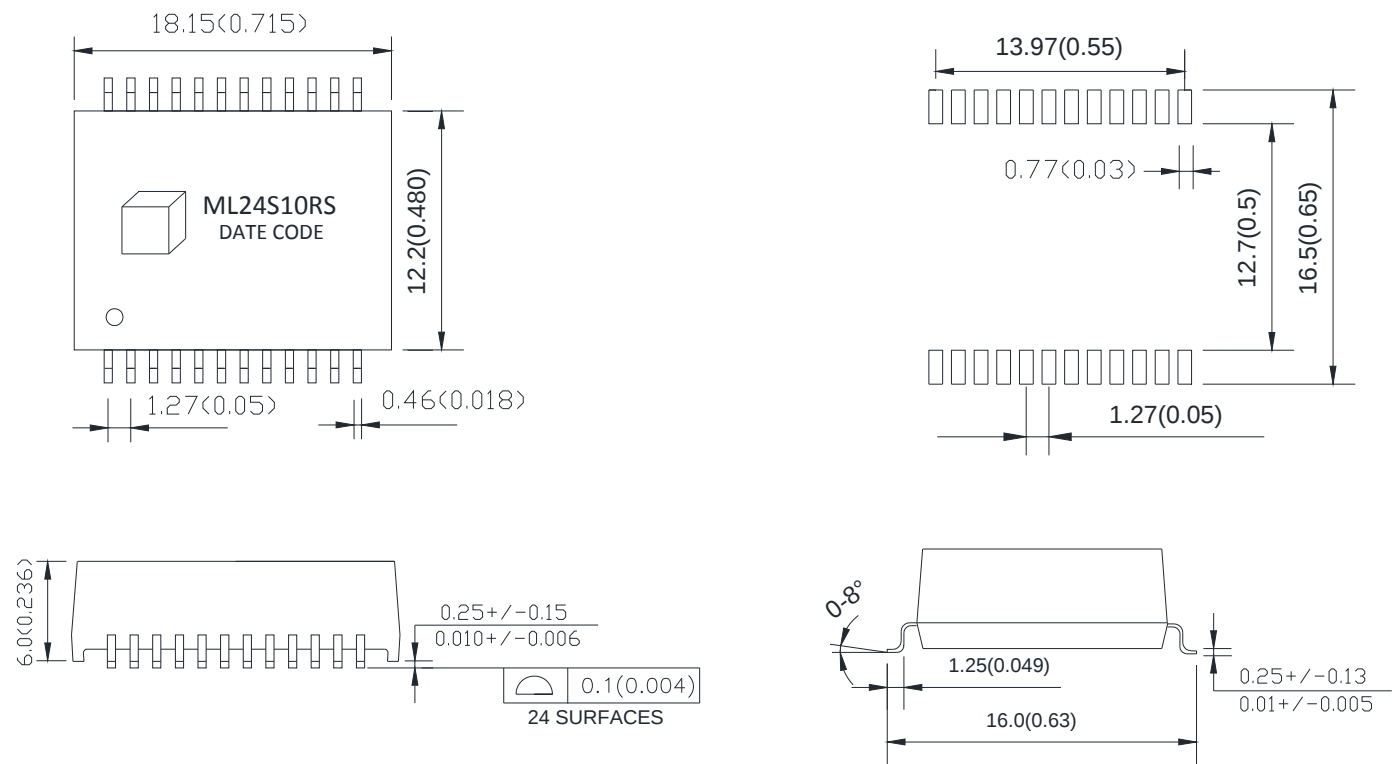
Part Number	Return Loss (dB Min)@Load 100Ω					DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
ML24S10RS	-18	-14.4	-13.1	-12	-10	-43	-37	-33

Schematic





Mechanical



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