



Feature



- Designed for long Gigabit Ethernet 10/100/1000 BASE-T, full duplex applications.
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

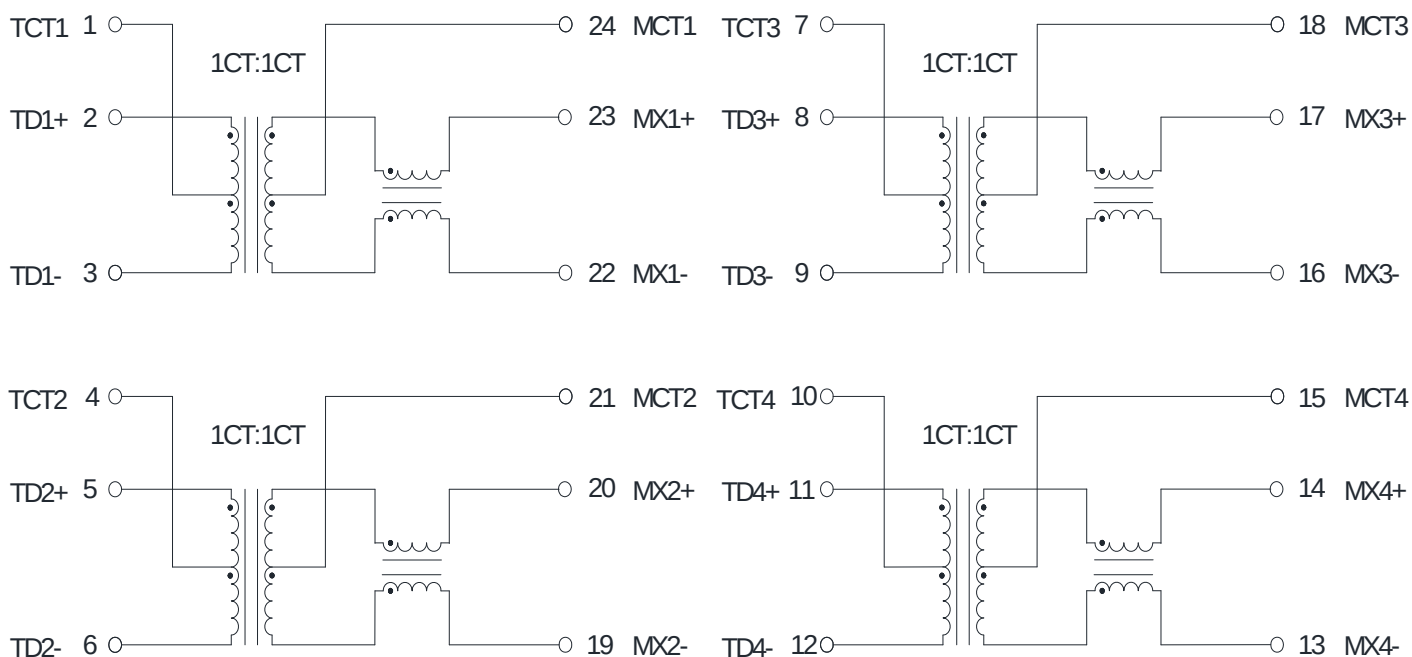
Electrical Specifications@25°C

Part Number	Tums Ratio ($\pm 5\%$)		Insertion Loss	Cross talk Attenuation (dBMin)		OCL (uH Min)	LL (uH Max)	Cw/w (PF TYP)
	TX	RX		1-30MHz	60MHz			
ML24S13RS	1CT:1CT	1CT:1CT	-1.0	-40	-30	350	0.5	25

Continue

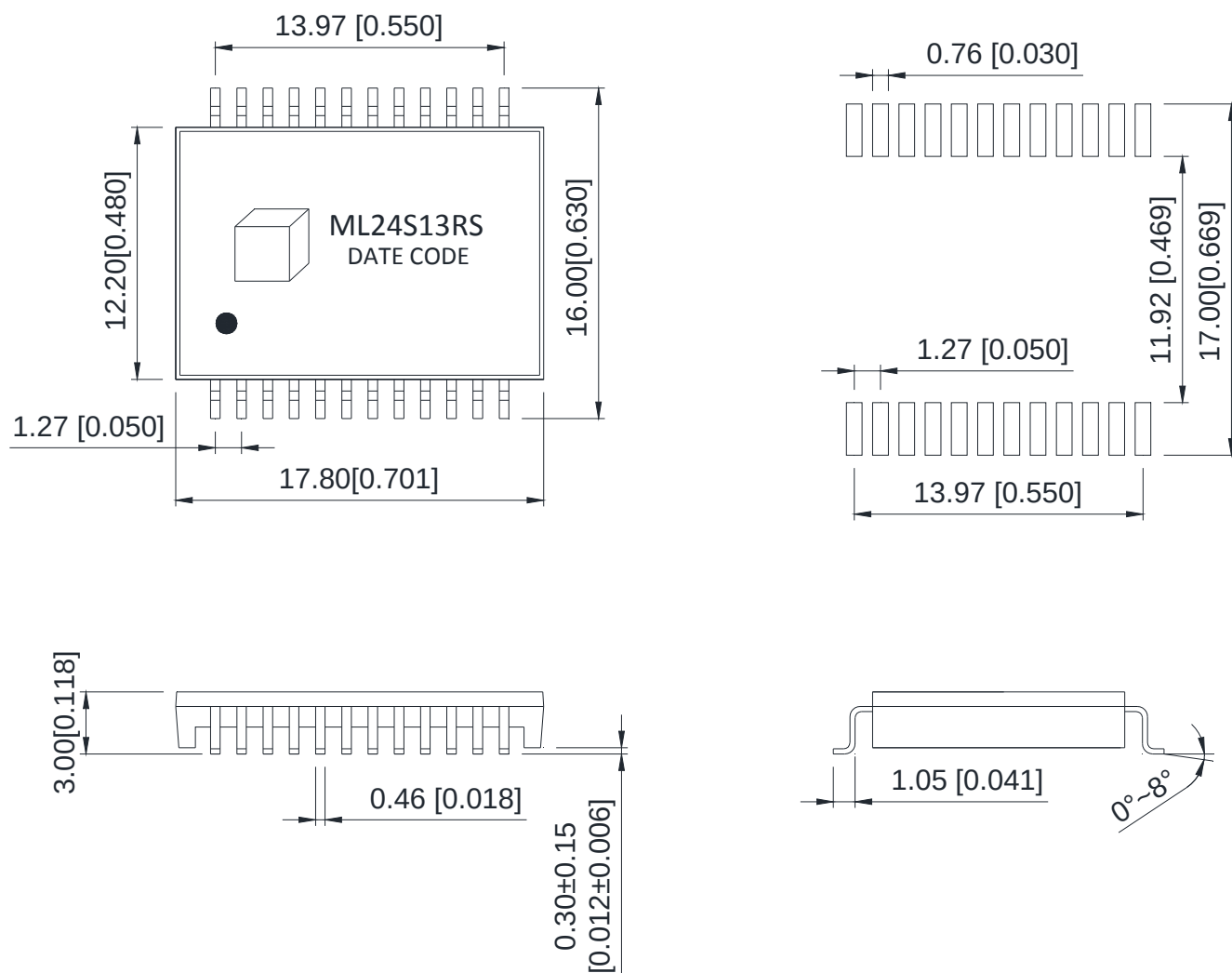
Part Number	Return Loss (dB Min)@Load 100 Ω				DCMR (dB Min)			DCR (Ω Max)	HI-POT (Vrms)
	1-30MHz	40MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz		
ML24S13RS	-16	-14.4	1500	-10	-40	-35	-30	1.4	1500

Schematic





Mechanical



Dimension:

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