

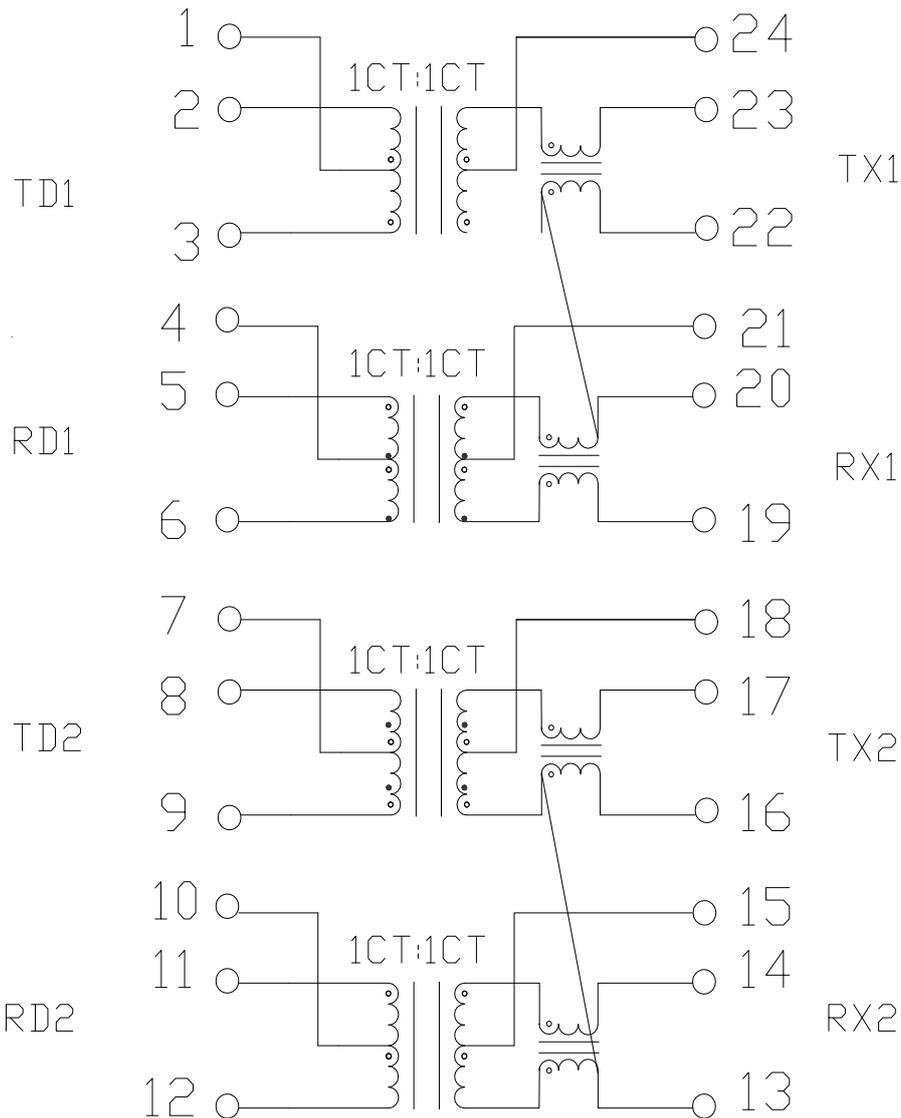


**Feature**

- Designed to meet IEEE 802.3bt type4 POE++requirements.
- Designed for Lead Free to meet IR260°C peak requirement
- Primary inductance 100uH min with 15mA DC Bias
- RoHS Compliant
- Meet 1A min. balanced DC current per pair
- Operating temperature range:0°C to+70°C
- Storage temperature range:-25°C to+125°C
- Meet POE Compliant 52W Max./Pair, Total 104W Max.

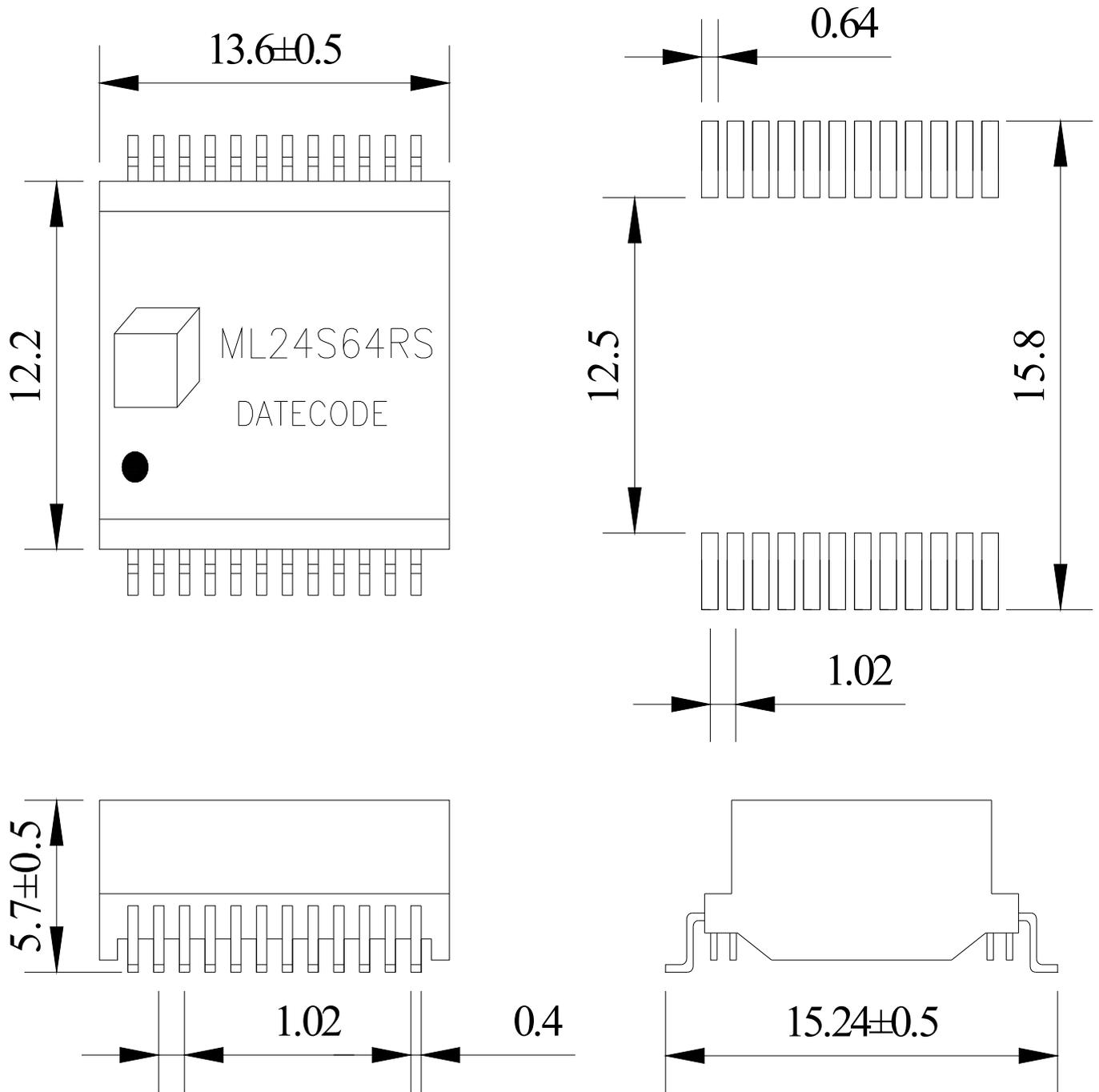
Electrical Specifications @ 25°C												
Part Number	Turn Ratio		Insertion Loss		Return Loss (dB Min)		Cross Talk (dB MAX)		Common Differential Mode Rejection (Max)			Hi-Pot (Vrms)
	Tx	Rx	100KHz	1-400MHz	1-40MHz	40-400MHz	1-100MHz	100-400MHz	1-100MHz	100-300MHz	300-500MHz	
ML24S64RS	1:1	1:1	-3.0	-2.0	-20	-20+10*log(f/40)	-40	-30	-37	-30	-25	1500

**Schematic**





Mechanical



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