



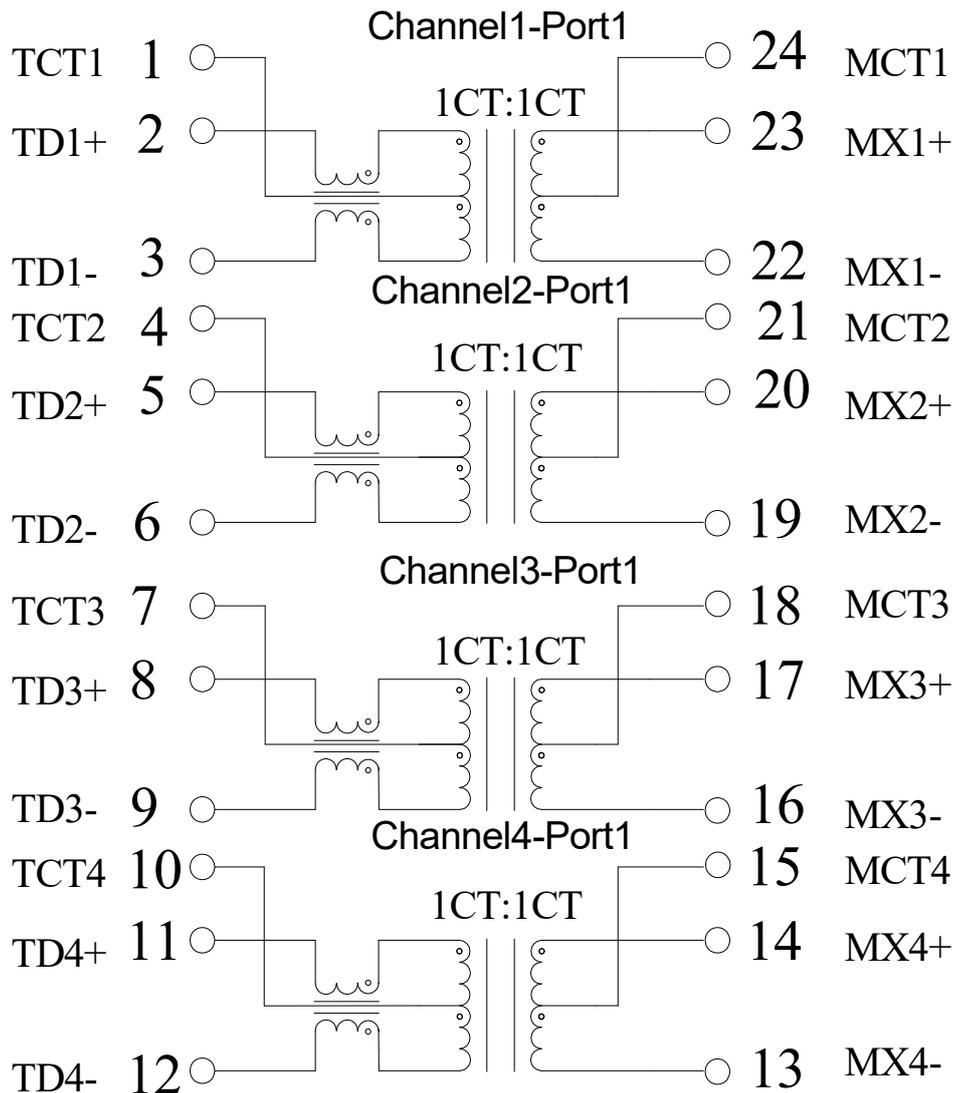
**Feature**

- Designed to meet IEEE802.3bt type3 POE++ requirement
- Designed to meet IR 255°C peak requirement
- Primary inductance 200uH min with 18mA DC Bias
- Meet 720mA min. balanced DC current per pair
- ROHS Compliant
- Operating temperature range:0°C to+70°C
- Storage temperature range:-25°C to+125°C
- Meet POE Compliant 36W Max./Pair, Total 72W Max.

**Electrical Specifications @ 25°C**

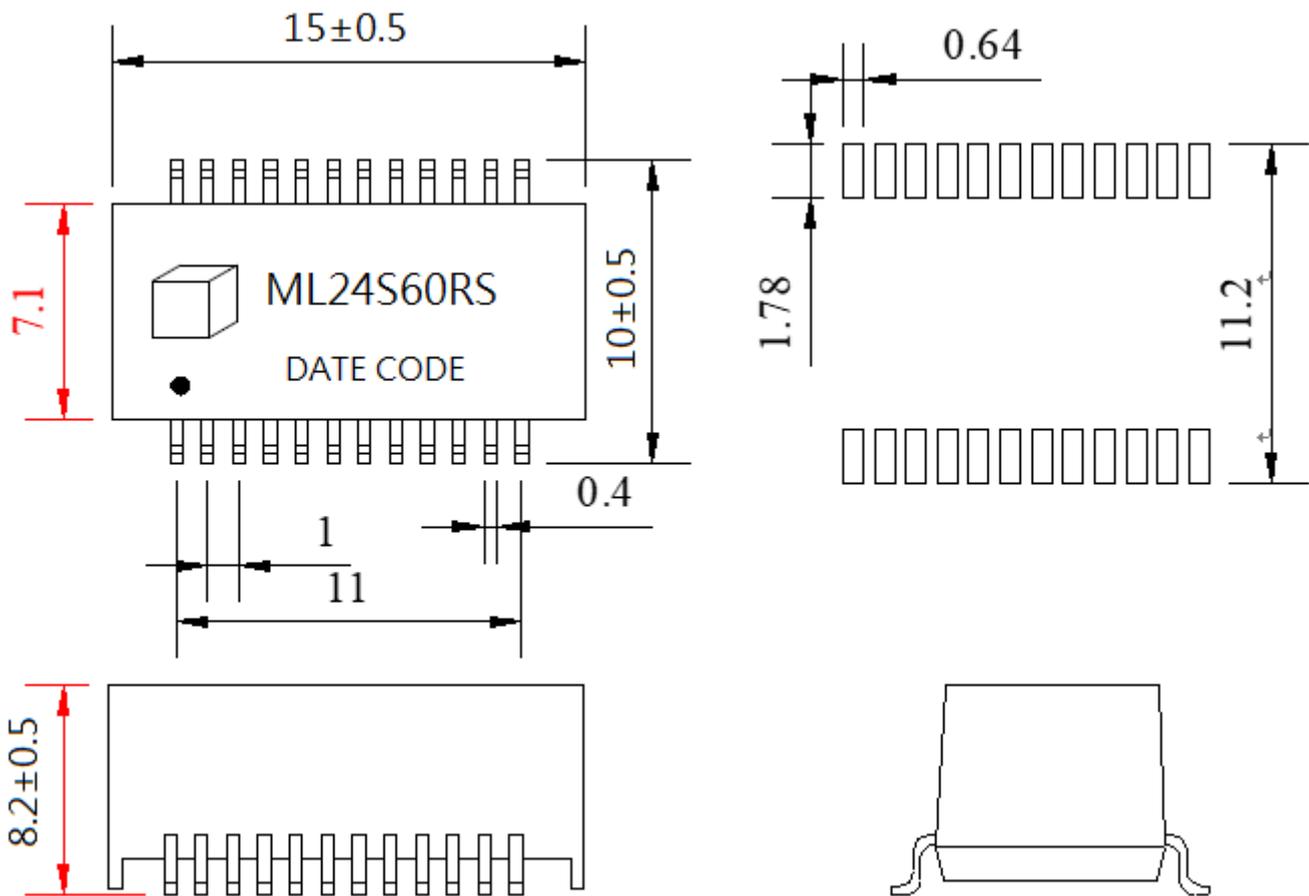
Part Number	Turn Ratio		Insertion Loss 0.5~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min)	CWW (pF Max)	LK (uH Max)	DCR (Ω Max)	Hi-Pot (Vrms)
	Tx	Rx		0.5-30MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
	1:1	1:1	-1.0	-16	-14	-12	-35	-30	-30	28	0.5	1.2	1500

**Schematic**





Mechanical



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