



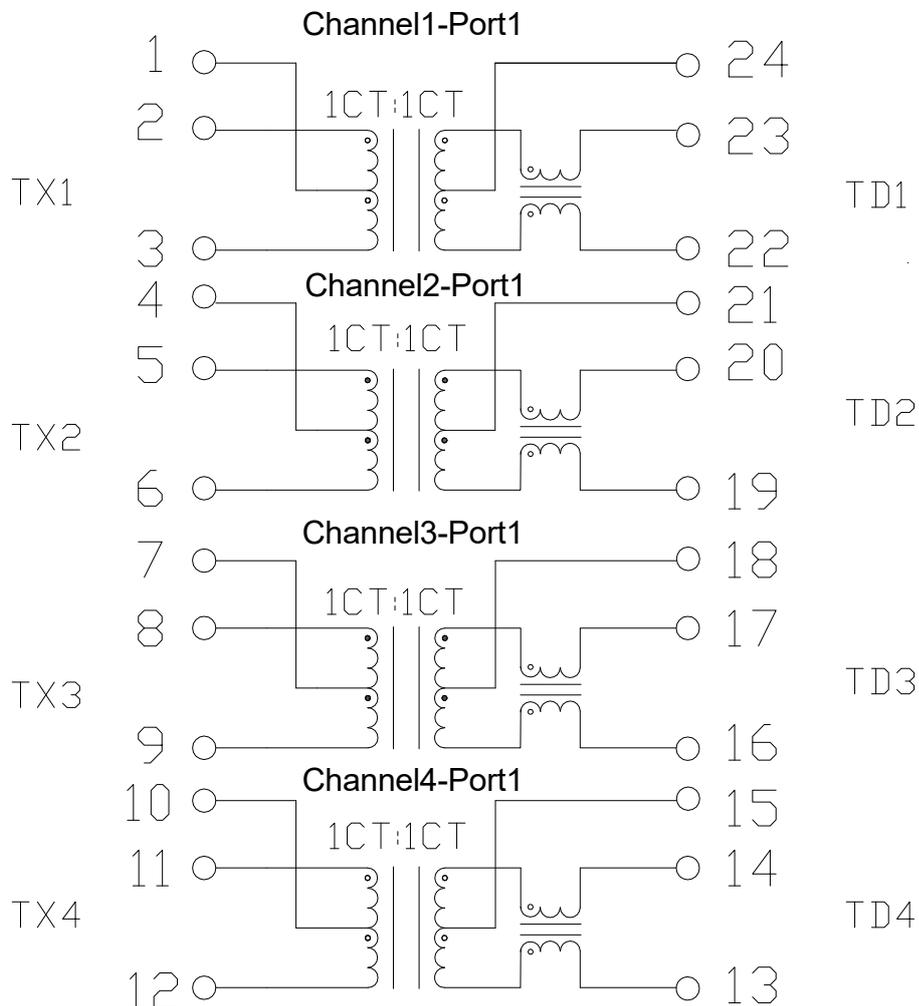
Feature

- Designed to meet IEEE802.3bt type3 POE++ requirement
- Designed to meet IR 260°C peak requirement
- Primary inductance 350uH min with 11mA DC Bias
- Meet 720mA min. balanced DC current per pair
- ROHS Compliant and Halogen free
- Operating temperature range:-40°C to+85°C
- Storage temperature -25°C to +125°C.
- Meet POE Compliant 36W Max./Pair, Total 72W Max.

Electrical Specifications @ 25°C

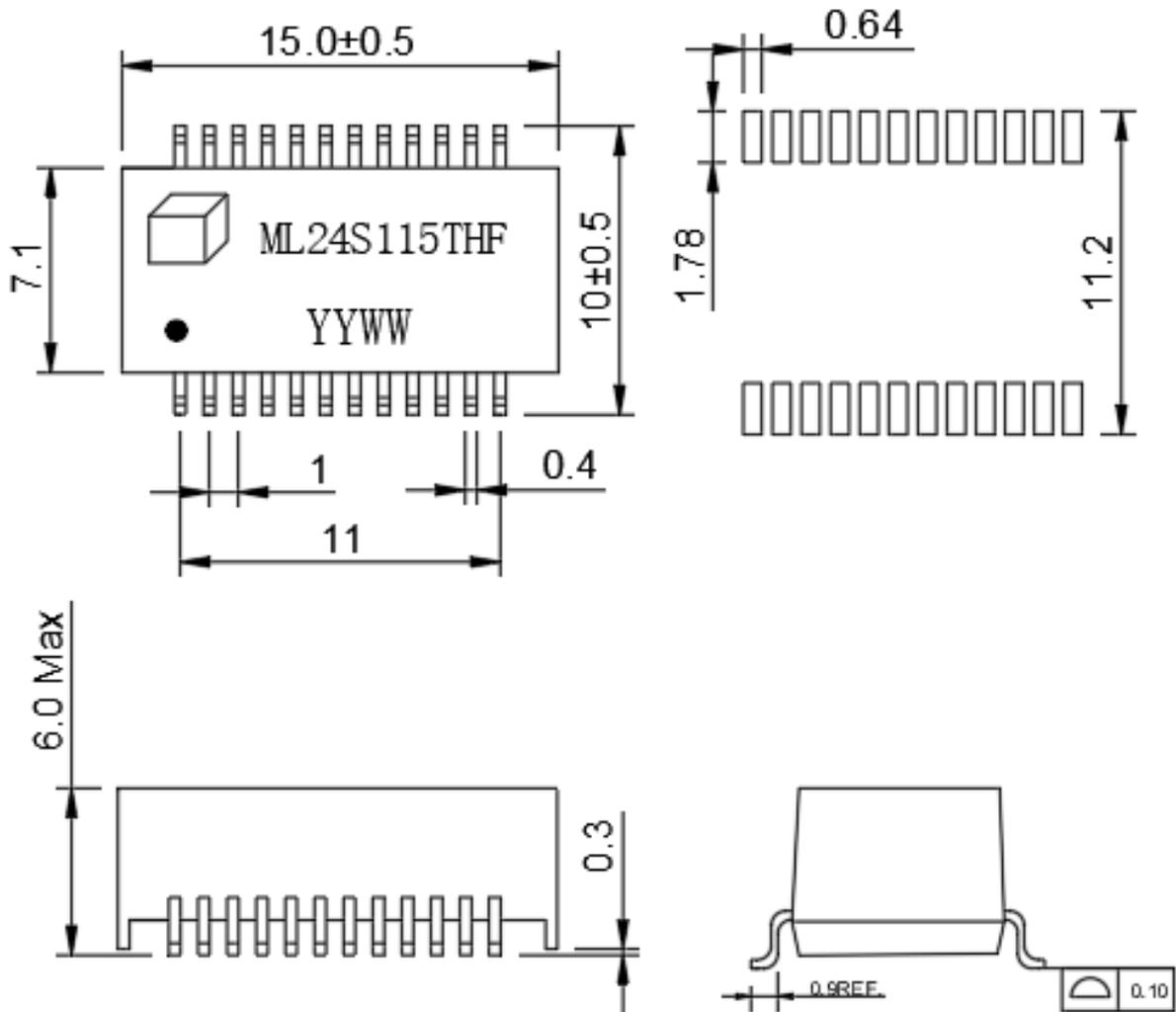
Part Number	Turn Ratio		Insertion Loss 0.5~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min)	CWW (pF Max)	LK (uH Max)	DCR (Ω Max)	Hi-Pot (Vrms)
	Tx	Rx		0.5-30 MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
	ML24S115THF	1:1		1:1	-1.0	-16	-14	-12					

Schematic





Mechanical



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