



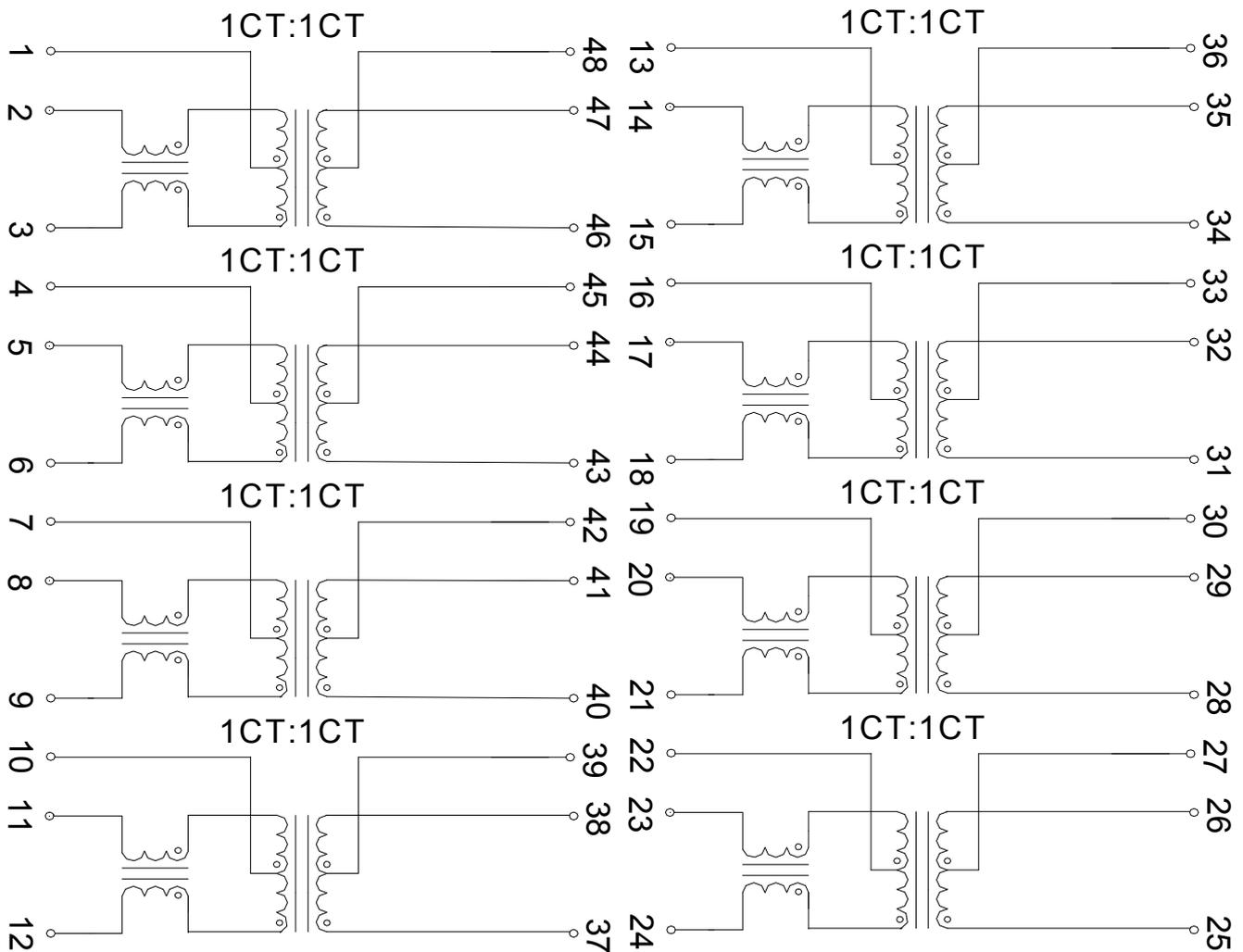
Feature

- Designed to meet IEEE 802.3bt type3 POE++ requirement
- Primary inductance 350uH min with 8mA DC Bias
- RoHS Compliant.
- Meet 720mA 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 36W Max./Pair, Total 72W Max.

Electrical Specifications @ 25°C

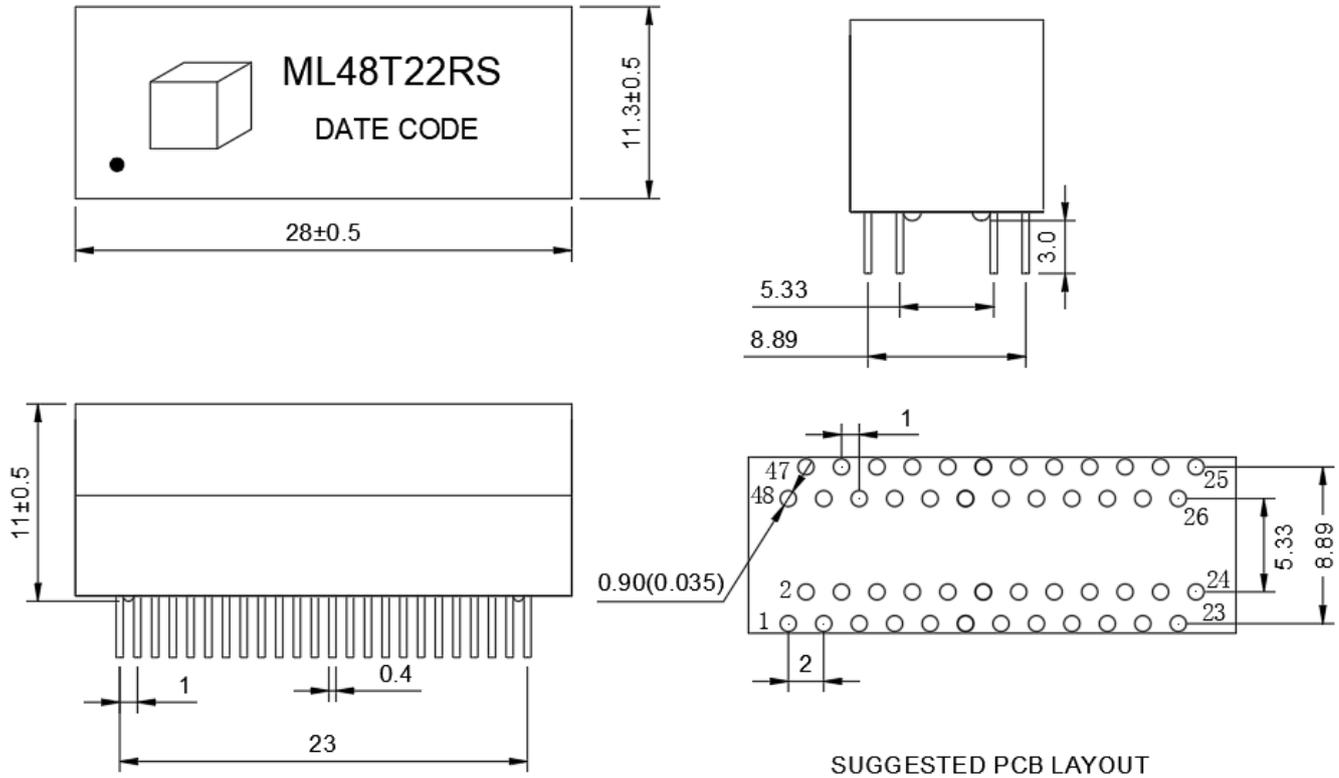
Part Number	Turn Ratio		Insertion Loss 0.5~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min)	LK (uH Max)	DCR (Ω Max)	CWW (pF Max)	Hi-Pot (Vrms MIN)
	Tx	Rx		0.5-30 MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
ML48T22RS	01:01	01:01	-1	-18	-14.4	-12	-35	-30	-30	0.5	1.2	28	1500

Schematic





Mechanical



Dimension: mm(inch), Unless otherwise specified , tolerances : $xx.x0 \pm 0.25$ (mm)

$0.xx \pm 0.05$ (mm)