

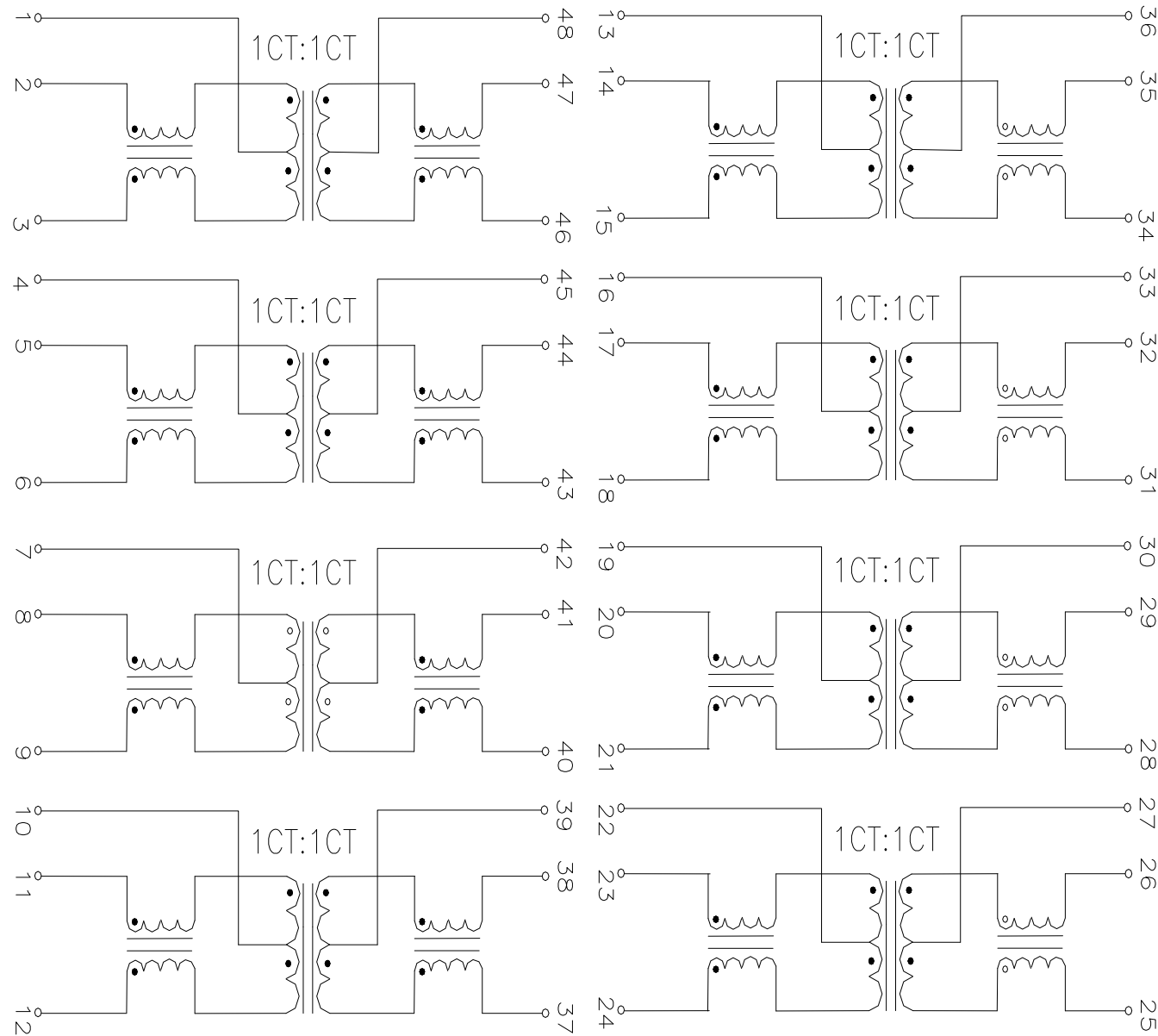


Feature

- Compliant with IEEE 802.3af standard for1000Base-T.
- Primary inductance 350uH min with 8mA DC Bias
- Designed to meet IR 260°C peak requirement
- Operating temperature range:0°Cto+70°C
- RoHS compliance.

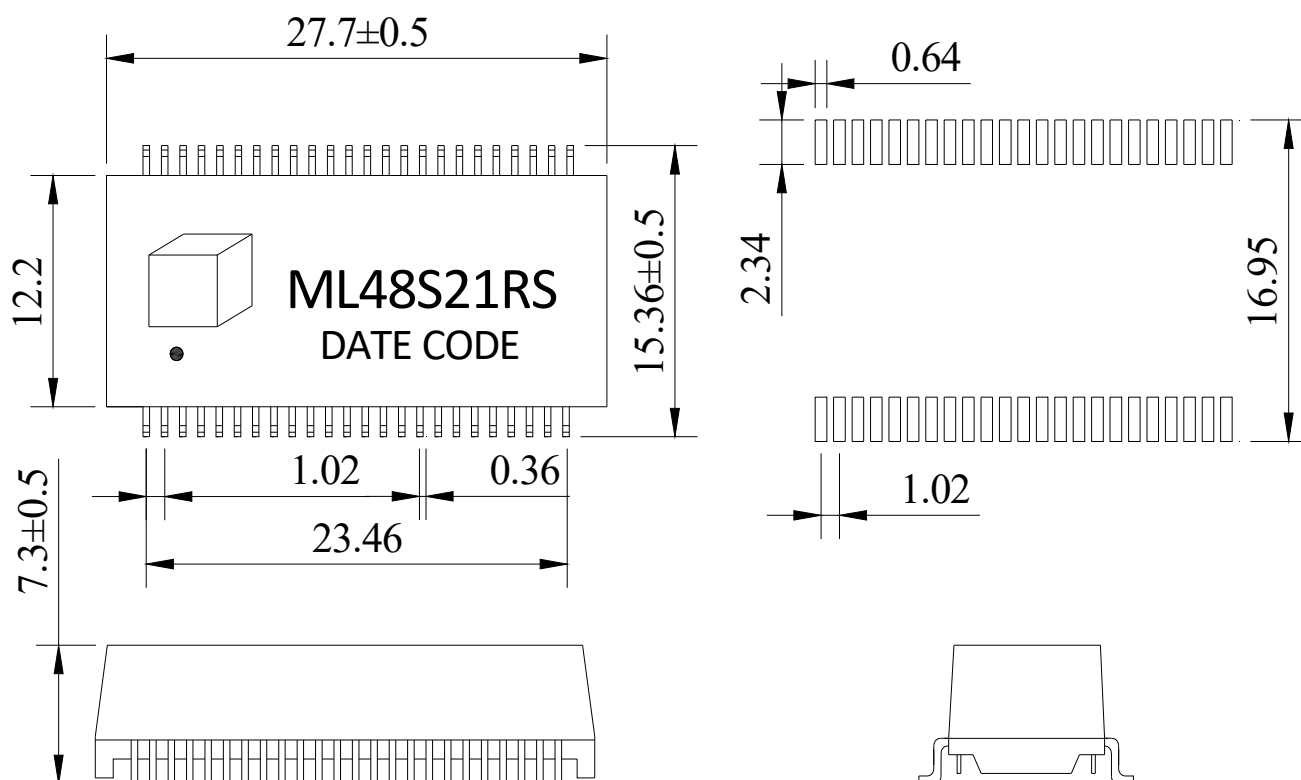
Electrical Specifications @ 25°C													
Part Number	Turn Ratio		Insertion Loss 0.5~100Mz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min) 0.50-100 MHz	LK (uH Max)	DCR (Ω Max)	CWW (pF Max)	Hi-Pot (Vrms)
	Tx	Rx		0.5-30 MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
ML48S21RS	1:1	1:1	-1.0	-16	-14	-12	-35	-30	-30	0.5	1.4	40	1500

Schematic





Mechanical



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