



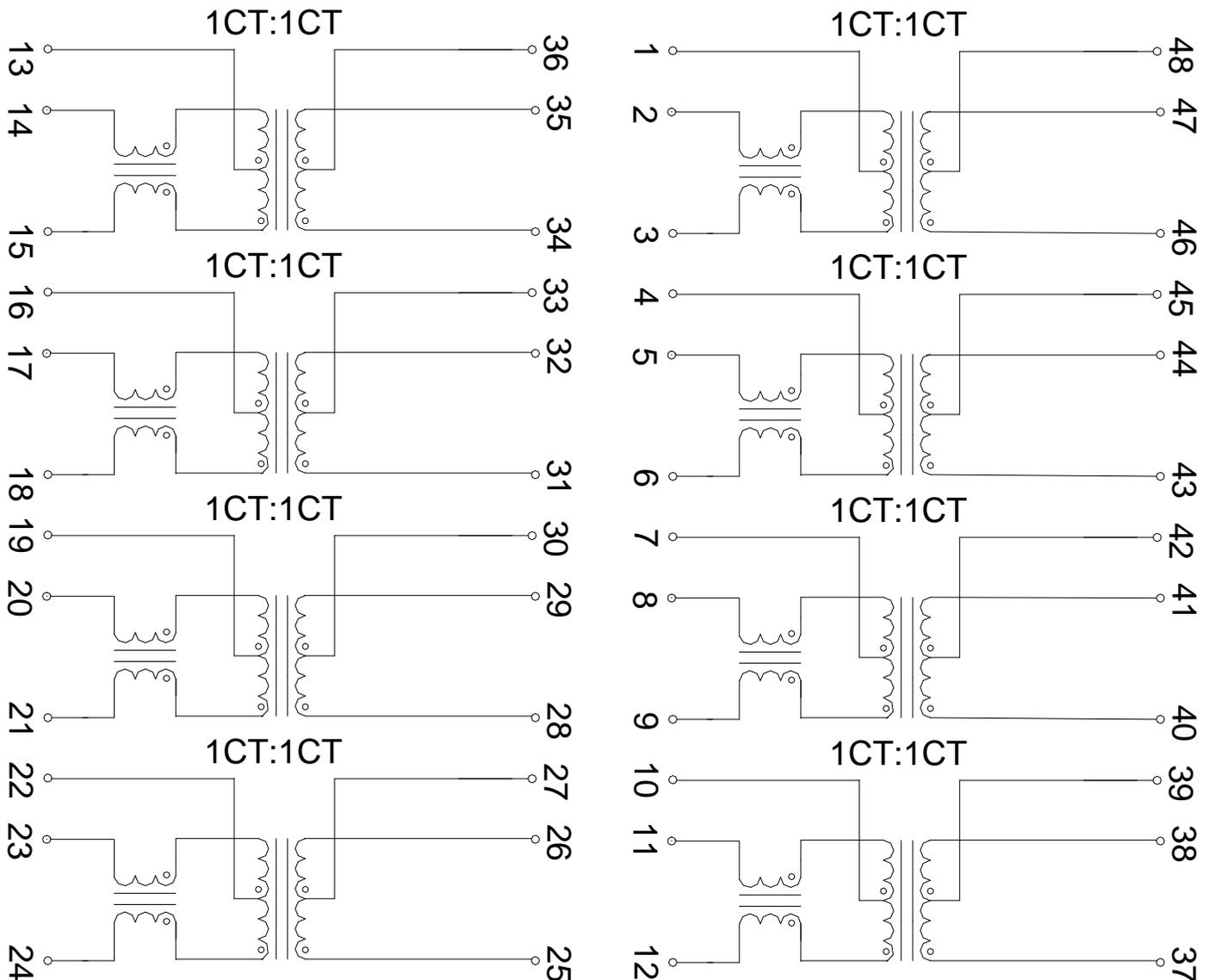
Feature



- Compliant with IEEE 802.3af standard for 1000Base-T.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,8mA .
- LL:0.5uH Max @100KHz, 0.1V
- Cww:35pF Max@100KHz, 0.1V
- DCR:1.2ΩMax

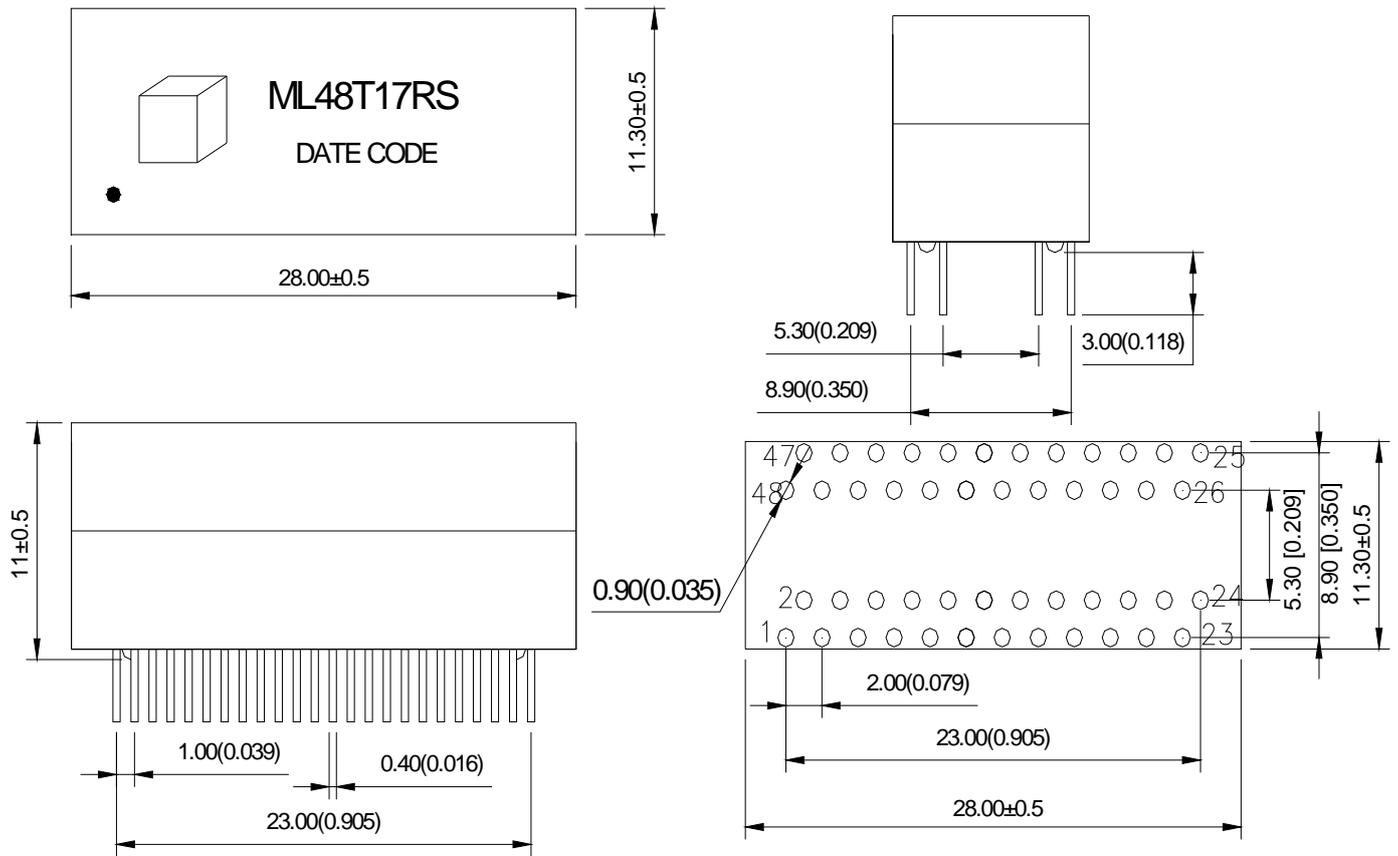
Electrical Specification@25°C Operating Temperature 0 to +70°C													
Part NO	Insertion Loss (dB MAX)	Return Loss (dB MIN @ 100Ω)					Differential to Common Mode Rejection (dB MIN)			Crosstalk (dB MIN)			Hipot (Vrms MIN)
		1-100 MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	
ML48T17RS	-1.0	-18	-14.4	-13.1	-12	-10	-43	-37	-33	-40	-35	-30	1500

Schematic





Mechanical



SUGGESTED PCB LAYOUT

Dimension: mm(inch), Unless otherwise specified, all tolerance are $\pm 0.25 (0.01)$