



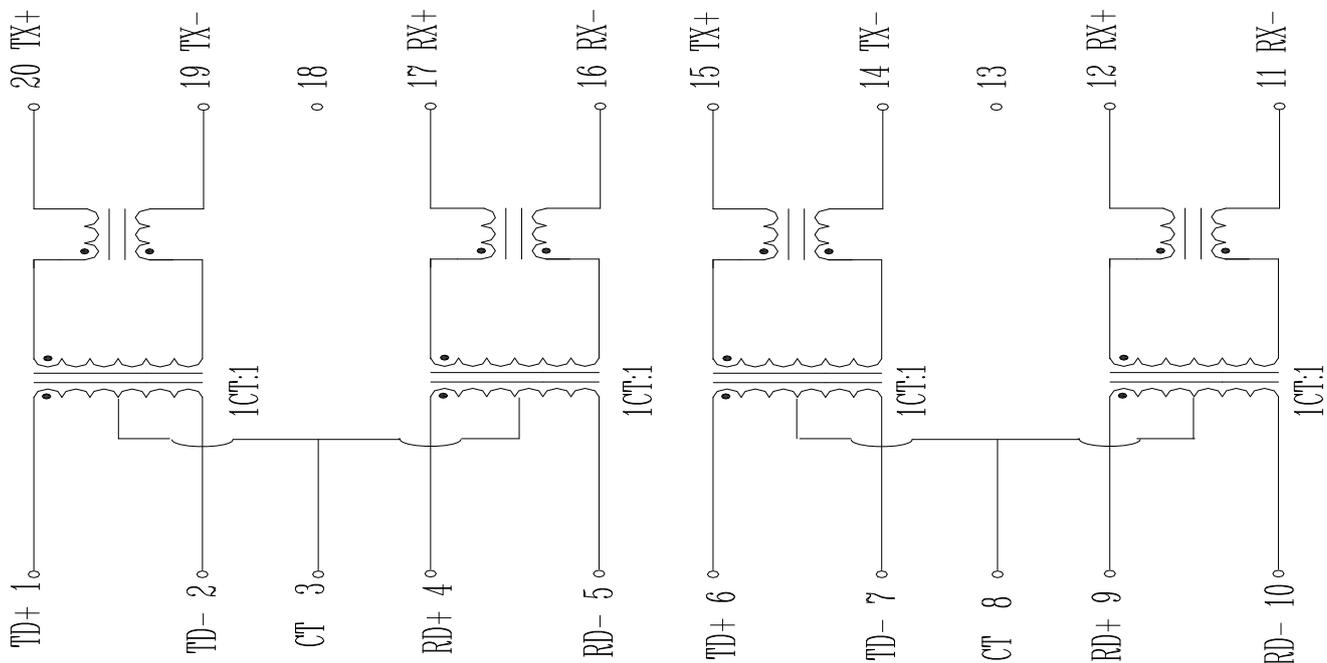
Feature

- Designed to meet IEEE 802.3af requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,DC 8mA .
- LL:0.5uH Max @100KHz, 0.1V
- Cww:75pF Max@100KHz, 0.1V
- Primary DCR:0.9ΩMax; Secondary DCR:1.2ΩMax.
- Storage Temperature -40°C to +125°C.
- Operating temperature range:0°C to +70°C
- Primary side = Line side
- RoHS compliance.

Electrical Specifications @ 25°C													
Part Number	Turn Ratio		Insertion Loss 0.1~100 MHz (dB Max)	Return Loss (dB Min)				Cross Talk (dB Min)			CMRR (dB Min)		Hi-Pot (1mA/6s)
	Tx	Rx		2-30 MHz	40 MHz	50 MHz	60.1-80 MHz	30 MHz	60 MHz	100 MHz	1-60 MHz	60-200MHz	
ML20T10RS	1:1	1:1	-1.0	-18	-14.4	-13.1	-12	-45	-40	-33	-37	-25	6000VDC

Schematic

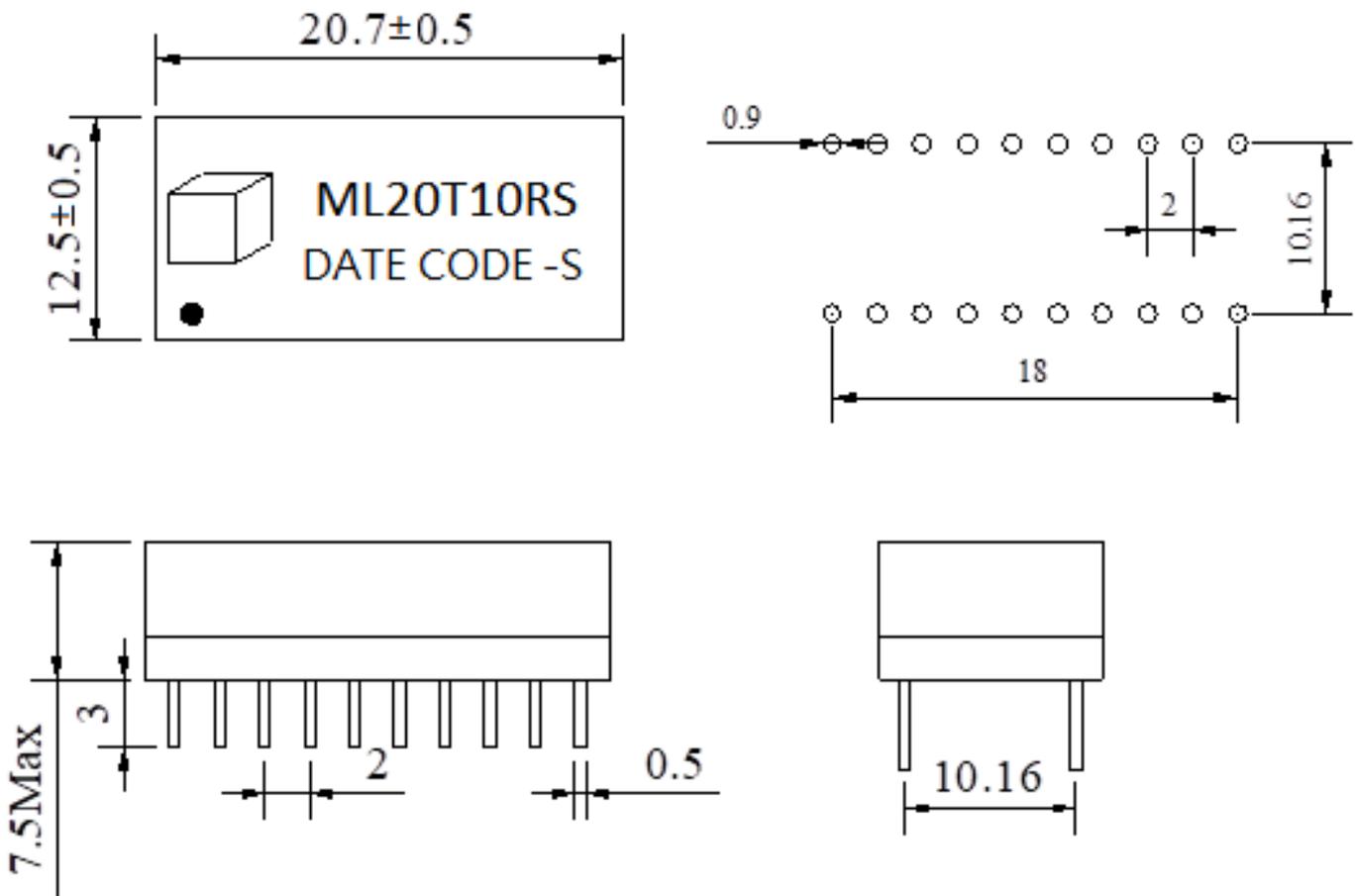
RJ45 SIDE



CHIP SIDE



Mechanical



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