



**Feature**

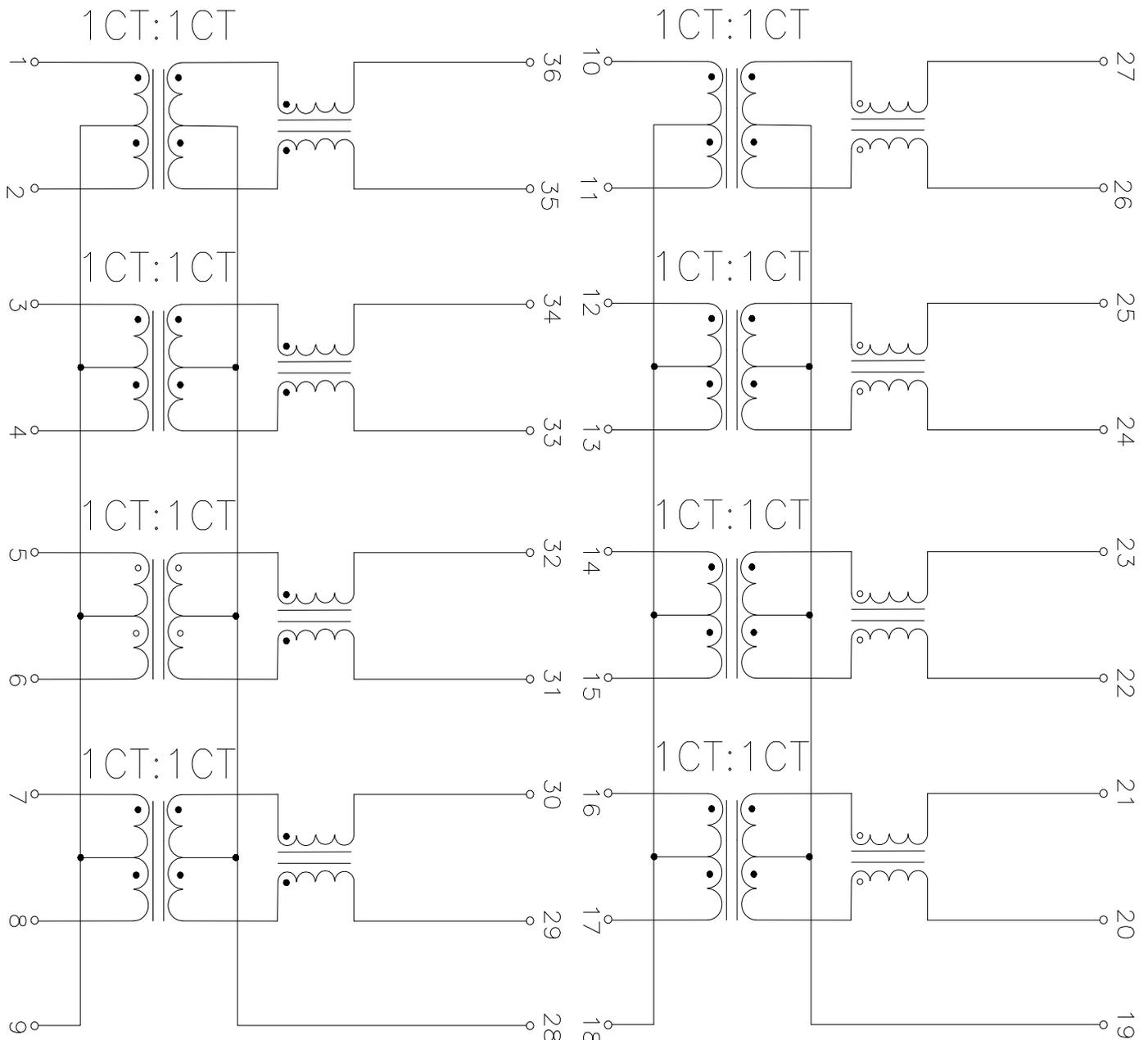


- Designed to meet IEEE 802.3af requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,8mA .
- LL:0.6uH Max @100KHz, 0.1V
- Cww:120pF Max@100KHz, 0.1V
- Primary DCR:0.9ΩMax;Secondary DCR:1.2ΩMax.
- Storage Temperature -25°C to +125°C.

**Electrical Specification@25°C Operating Temperature 0°C to +70°C**

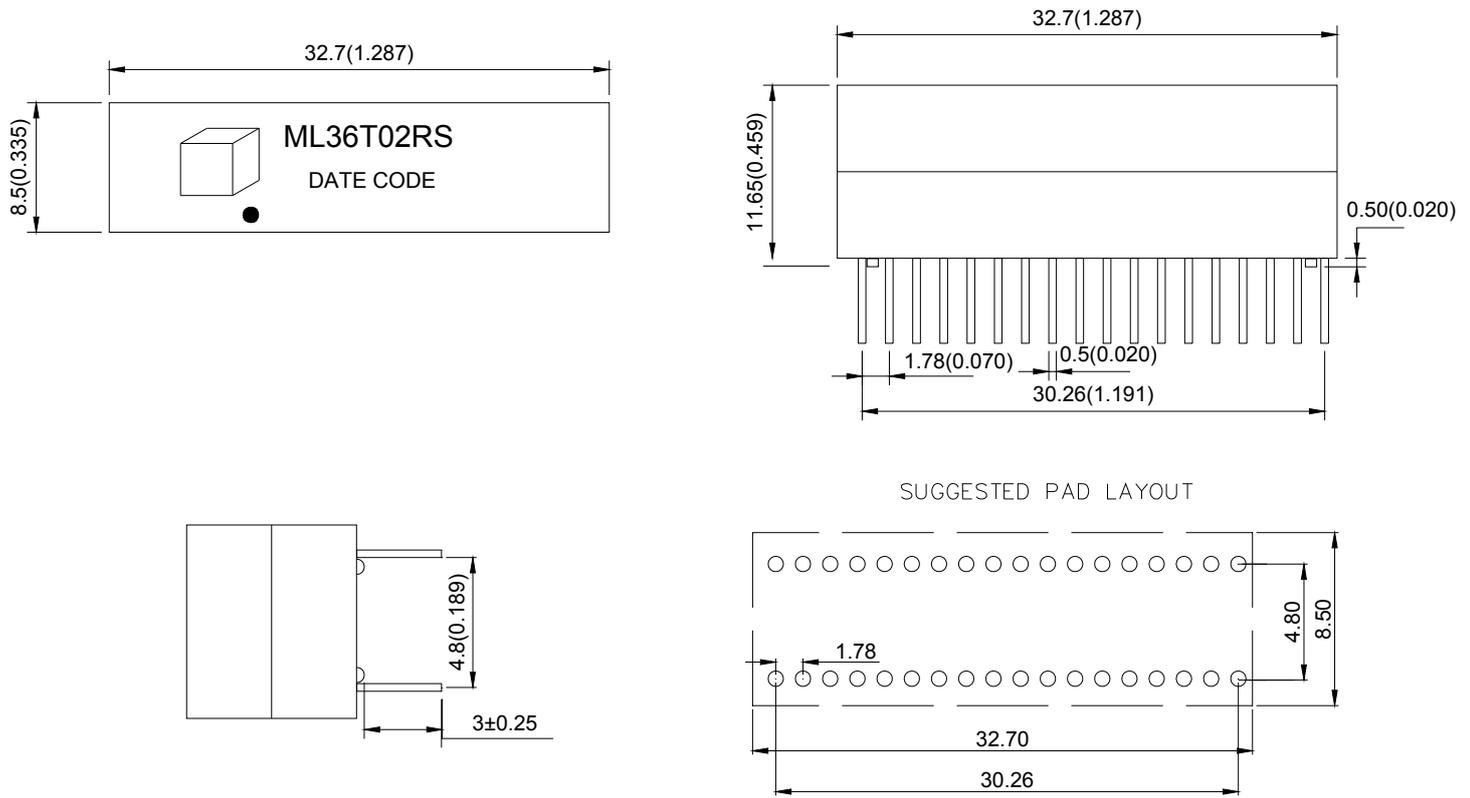
Part NO	Turn Ratio Tx/Rx (±5%)	Insertion Loss (dB max) 0.1-100MHz	Return loss(dB min) MHz					DCMR (dB min .) MHz			Crosstalk (dB min .) MHz			CWW 100KHz,0.1V ( pF typ)	Isolation Voltage (Vrms min)
			1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz		
ML36T02RS	1CT:1CT/1CT:1CT	-1.1	-18	-14.4	-13.1	-12	-10	-40	-37	-35	-45	-35	-30	100	1500

**Schematic**





Mechanical



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