



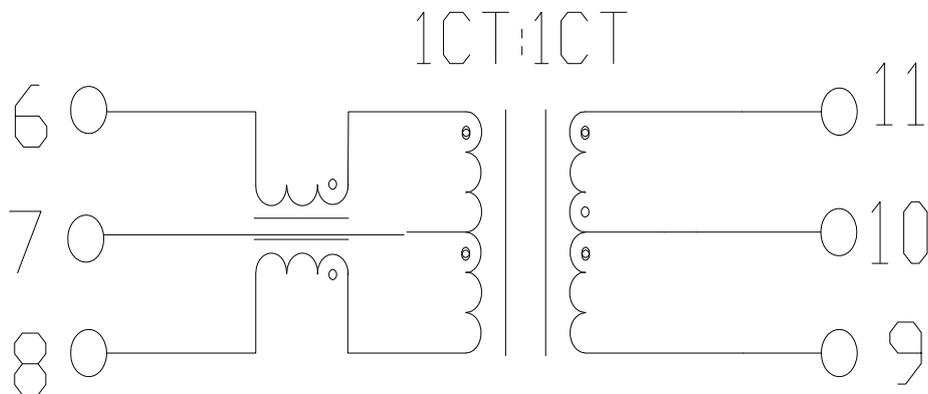
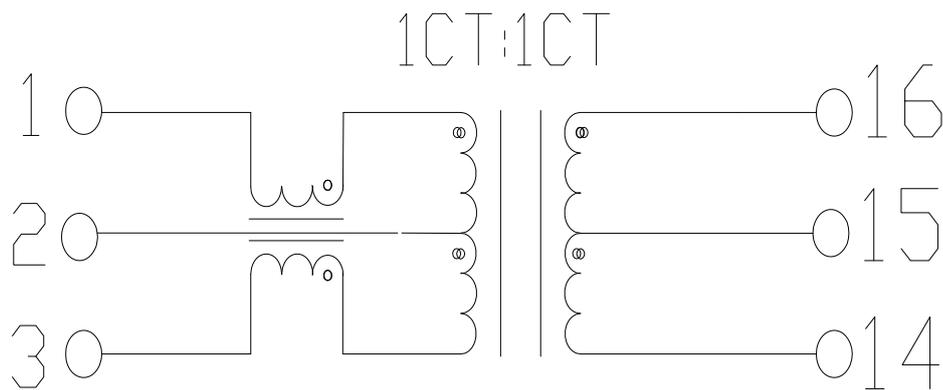
**Feature**

- Designed to meet IEEE 802.3at requirements.
- Designed for reflow soldering at temperatures up to 260°C
- Primary inductance 350uH min with 8mA DC Bias
- ROHS Compliant
- Operating temperature range:-40°Cto+85°C
- Suitable for PoE+ applications(720mA@57V continues).

**Electrical Specifications @ 25°C**

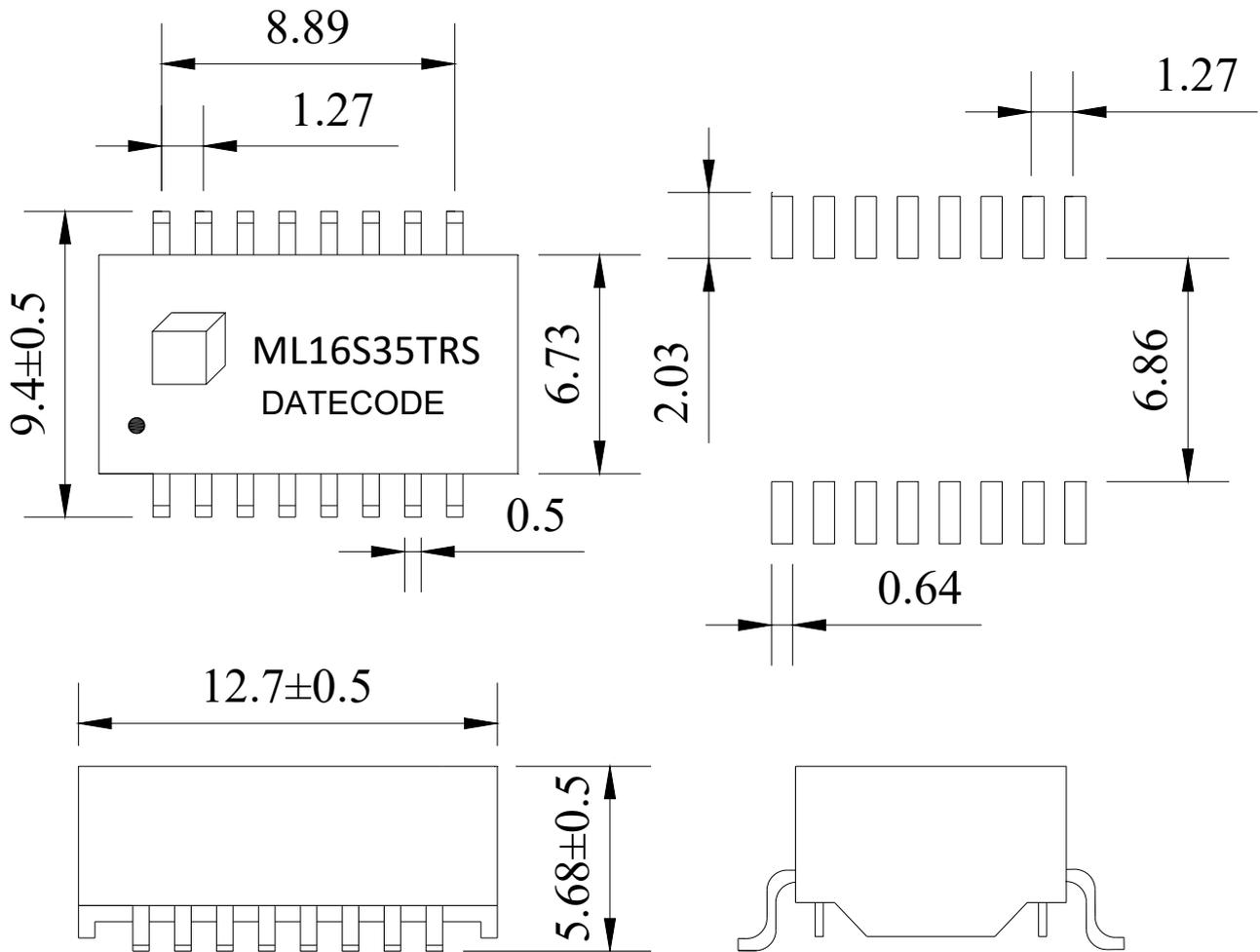
Part Number	Turn Ratio		Insertion Loss 0.5~100MHz (dB Max)	Return Loss (dB Min)			Cross Talk (dB Min)		CMRR (dB Min) 0.50-100 MHz	LK (uH Max)	DCR (Ω Max)	CWW (pF Max)	Hi-Pot (Vrms)
	Tx	Rx		0.5-30 MHz	30.1-60 MHz	60.1-80 MHz	0.5-40 MHz	40.1-100 MHz					
	ML16S35TRS	1:1		1:1	-1.0	-16	-14	-12					

**Schematic**





Mechanical



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