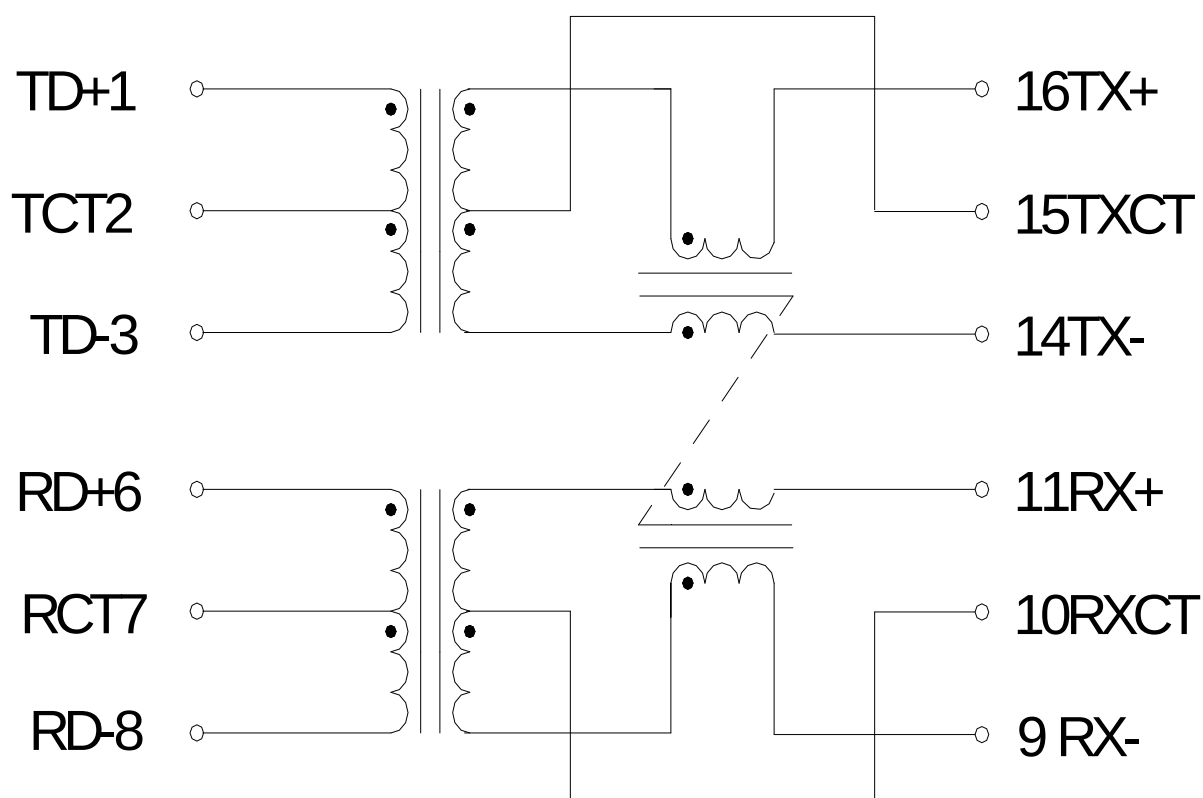


**Feature**

- Designed to meet IEEE 802.3 requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,8mA DC.120uH min.@ 100KHz,0.1Vrms,19mA DC.
- Suitable for PoE+ applications(700mA@57V continuous).
- Designed for reflow soldering at temperatures up to 260°C .
- Storage temperature -25°C to +125°C.
- RoHS compliance.

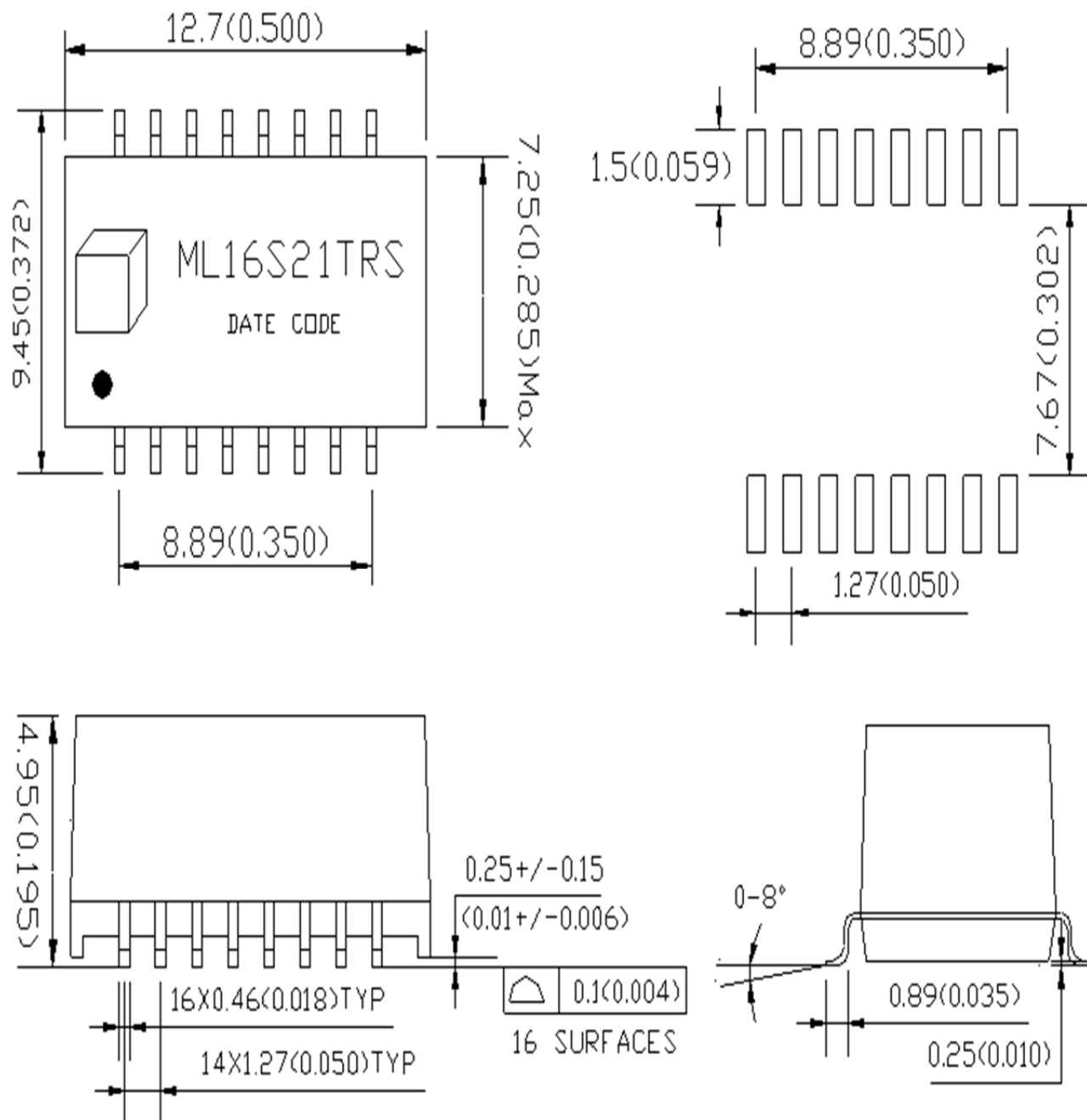
Electrical Specification@ 25°C			Operating Temperature -40°C to +85°C					
Part Number	Turns Ratio (±2%)		Differential to Common Rejection (dB MIN) MHz			DCR(1/2 winding) Ω Max	DCR Imbalance Ω Max	HI-POT (Vrms min)
	TX	RX	30 MHz	60 MHz	100 MHz			
ML16S21TRS	1CT:1CT	1CT:1CT	-43	-37	-33	0.75	±0.065	1500

Continue									
Part Number	Insertion Loss (dB Max)		Return Loss (dB typ.)				Cross talk (dB typ)		
	0.1MHz	1-100MHz	1-30MHz	40MHz	50MHz	60-80 MHz	30MHz	60MHz	100MHz
ML16S21TRS	-1.2	-1.4	-16	-14	-13	-12	-45	-40	-35

Schematic



Mechanical



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