



Feature



- Designed to meet IEEE 802.3af requirements.
- Primary inductance(Lp)350uH min.@ 100KHz,0.1Vrms,DC 8mA .
- Suitable for PoE applications(350mA@48V continuous).
- Leakage Inductance (LL) 0.5uH Max @ 100kHz, 0.1V.
- Primary DCR:0.9ΩMax;Secondary DCR:1.2ΩMax.
- Designed for reflow soldering at temperatures up to 260°C .
- Storage temperature -40°C to +125°C.
- RoHS compliance.

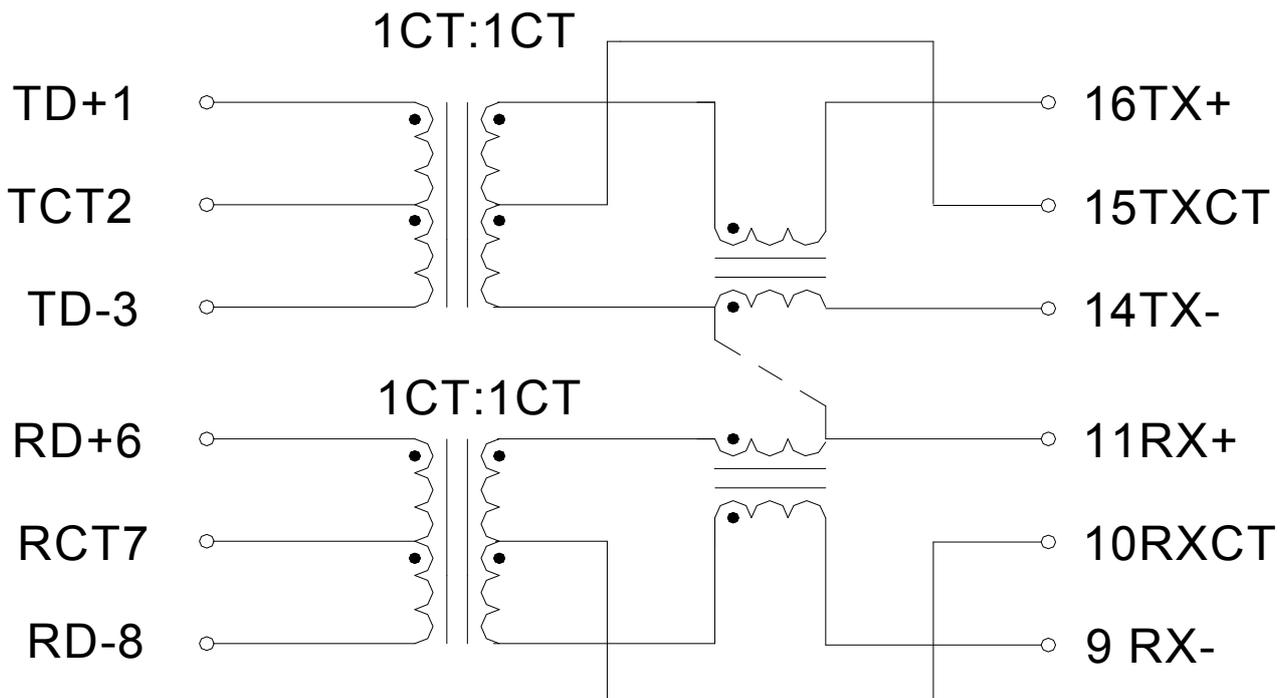
**Specifications: at 25 °C. Operating Temperature -40°C to +85°C**

Part Number	DCMR (dB Min)			DCR Resistance Balance ≤(%)	HI-POT (Vrms)
	30MHz	60MHz	100MHz		
ML16S05TRS	-43	-37	-33	3.5	1500

**Continue**

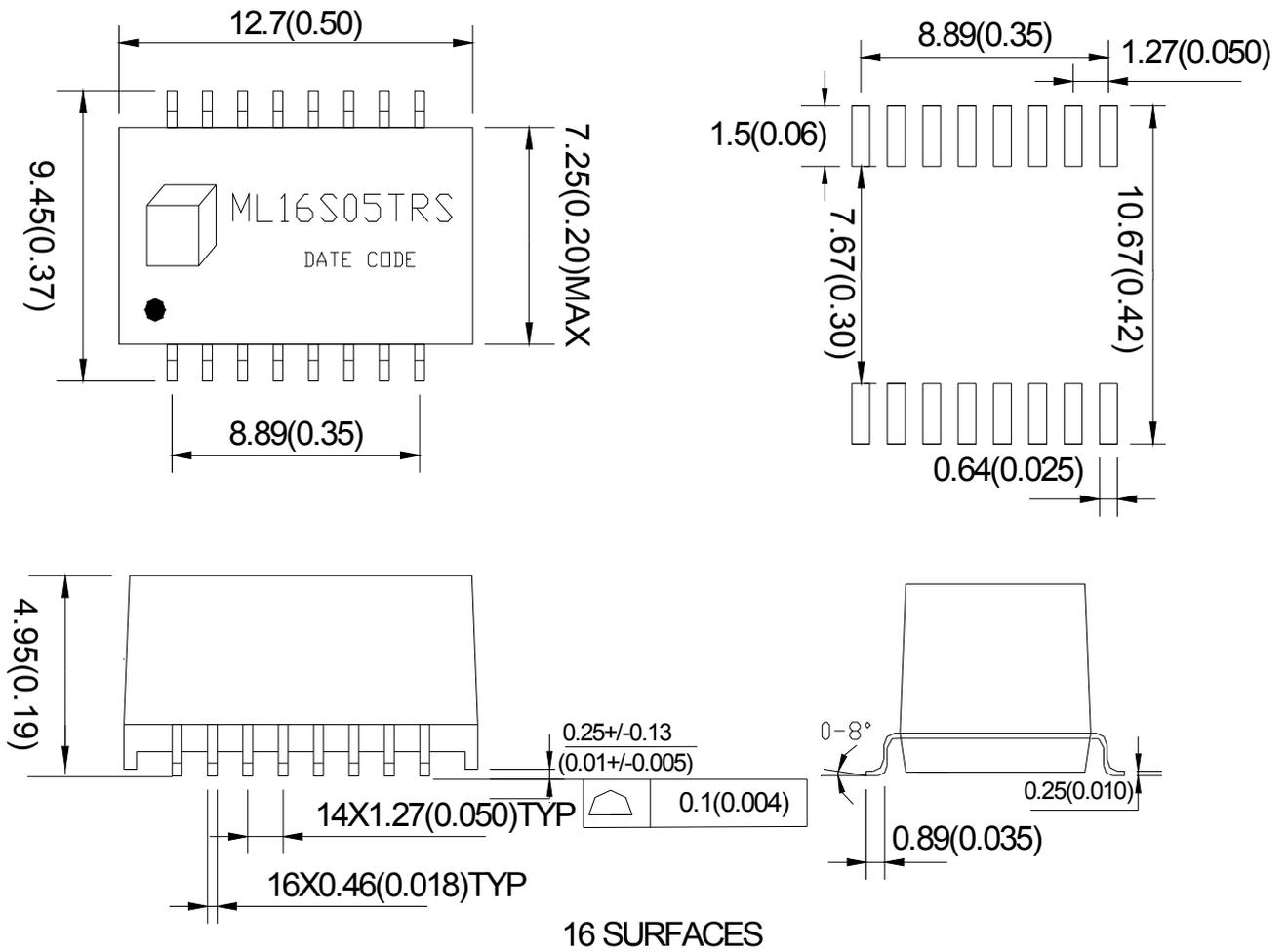
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		
		1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz
ML16S05TRS	-1.2	-16	-14	-13	-12	-45	-40	-35

Schematic





Mechanical



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