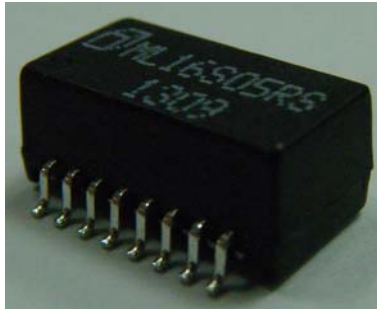


**Feature**

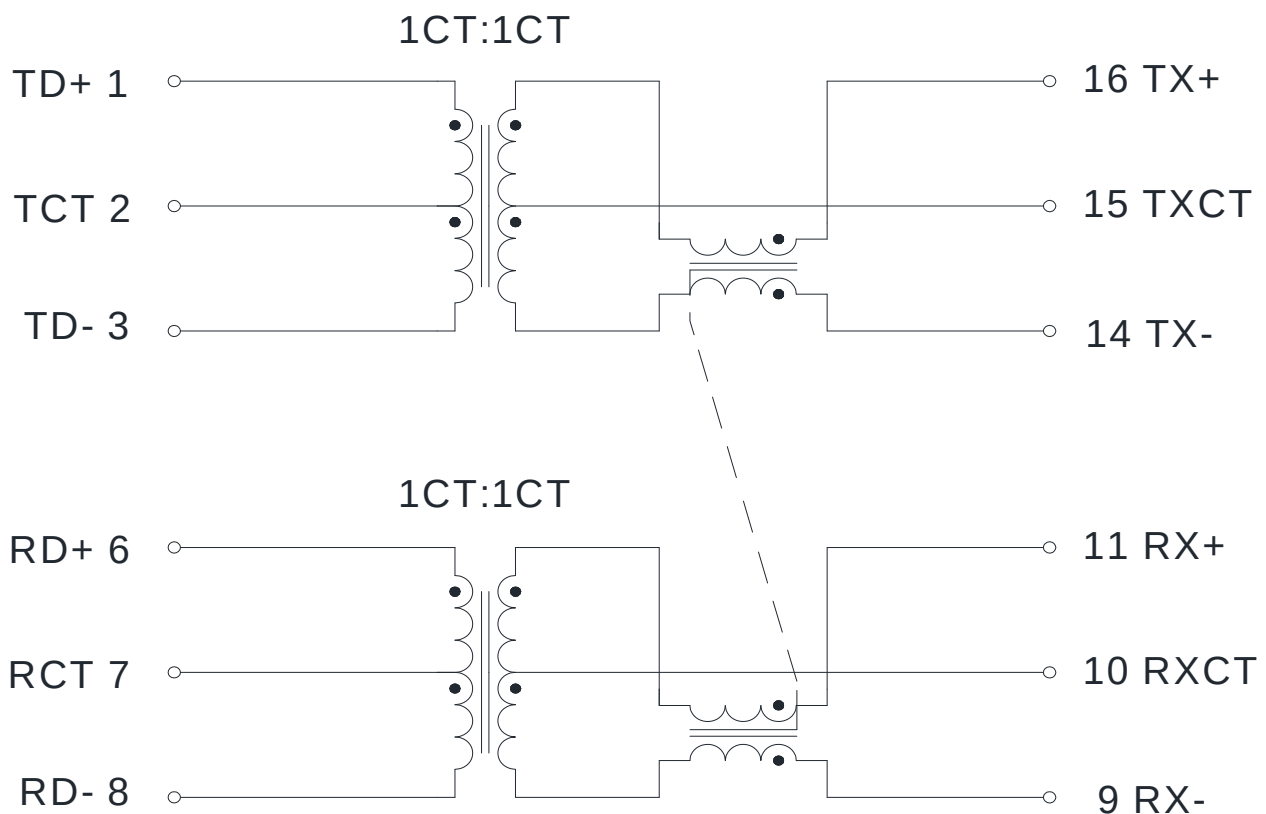
- IEEE 802.3af/ANSI X3.263 compliant performance.
- 350mA current capability.
- Designed to for IP phone or switch applications.
- Compact footprint.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C.

Electrical Specifications@25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V With 8mA DC Bias	Cw/w (pF Typ)	L.L (uH Max)	DCR (Ω Max)		HI-POT (Vrms)
	1-3:16-14	6-8:11-9				1-3/6-8	16-14/11-9	
ML16S05RS	1CT:1CT	1CT:1CT	350	25	0.5	0.9	1.1	1500

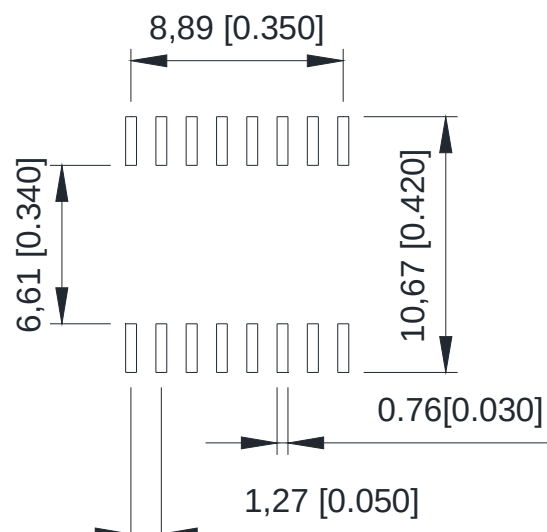
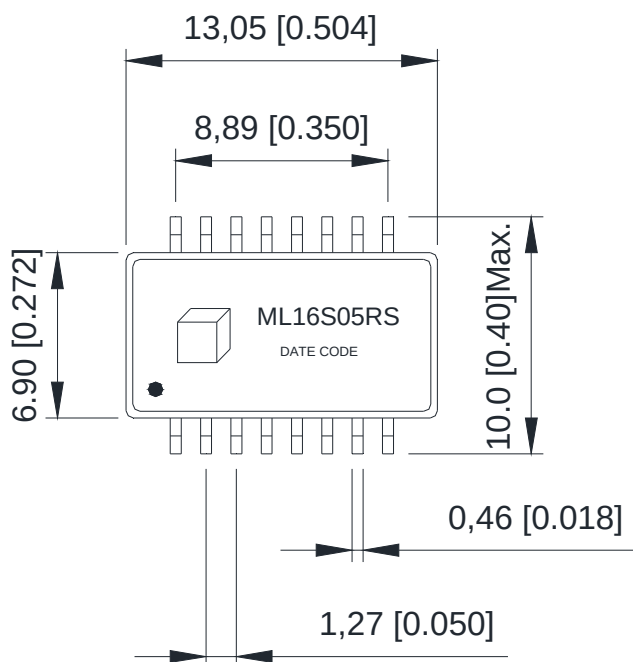
Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)				Cross talk (dB Min)		DCMR (dB Min)		
	1-100MHz	0.3-30MHz	40MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
ML16S05RS	-1.11	-18	-14	-14.5	-12	-35	-30	-40	-35	-30

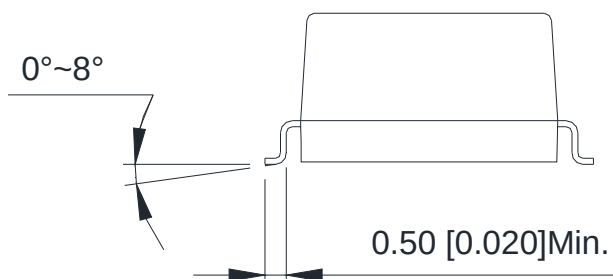
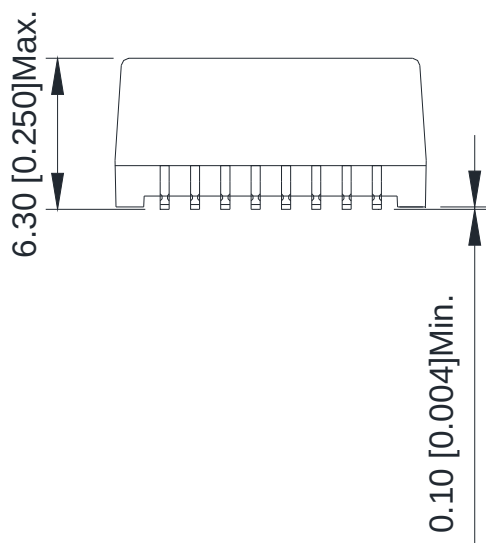
Schematic



Mechanical



SUGGESTED PAD LAYOUT



Units : mm [Inches] Tolerance : XX.X0±0.25 [0.010]
0.XX±0.05 [0.002]