

**Feature**

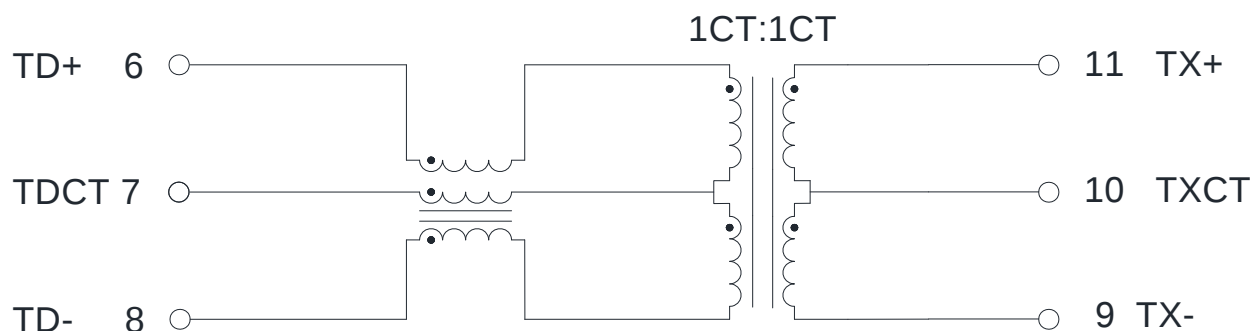
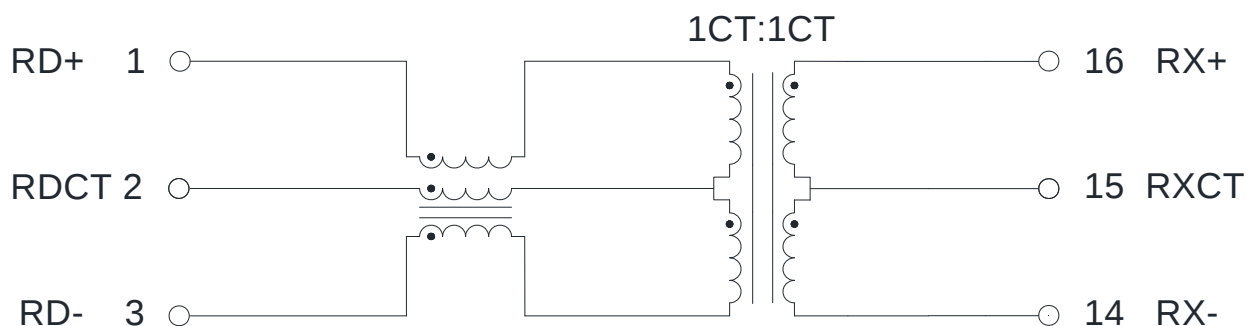
- Half port and single port designs for maximum layout flexibility.
- Low profile packages to 0.089 Inch(2.27mm) for PC card and card bus applications.
- Comply with ROHS & Halogen Free requirements.
- Operating temperature range: -0°C to +70°C.
- Storage temperature range: -25°C to +85°C.

Electrical Specifications@25°C

Part Number	Turns Ratio (±3%)		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				9-10/15-16	1-2/7-8	
ML16S11RS	1CT:1CT	1CT:1CT	350	15	0.3	1.0	1.4	1500

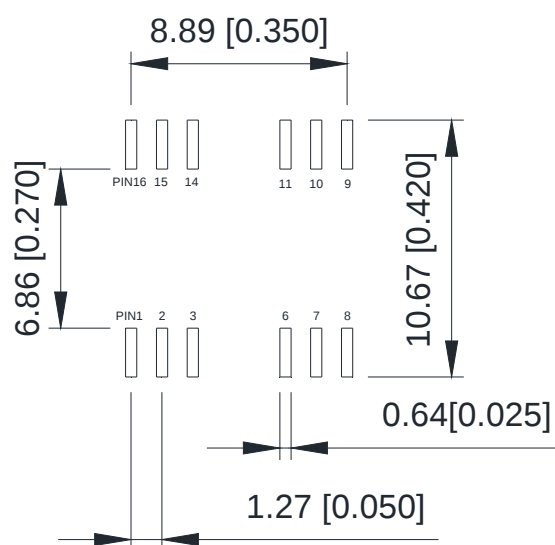
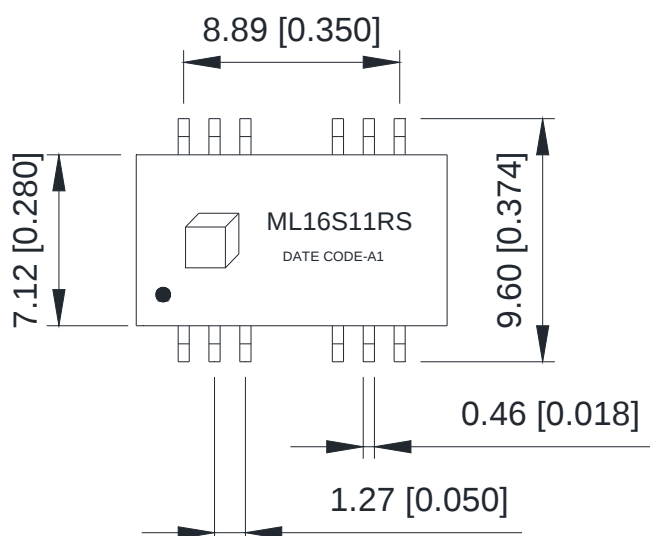
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Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)	DCMR (dB Min)
	1-100MHz	30MHz	60MHz	80MHz	0.1-100MHz	0.1-100MHz
ML16S11RS	-1.1	-16	-12	-10	-30	-30

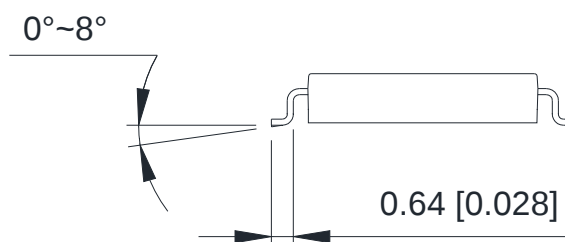
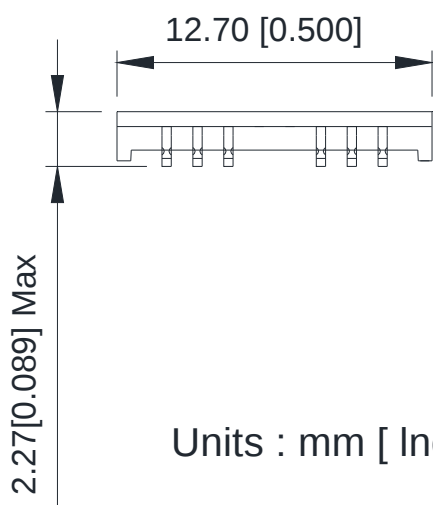
Schematic



Mechanical



SUGGESTED PAD LAYOUT



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