



Feature

- Designed to meet IEEE 802.3af requirement, including 350uH OCL with 8mA bias.
- Comply with ROHS & Halogen Free requirements.
- Support IEEE 802.3af (PoE) standard.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +125°C.

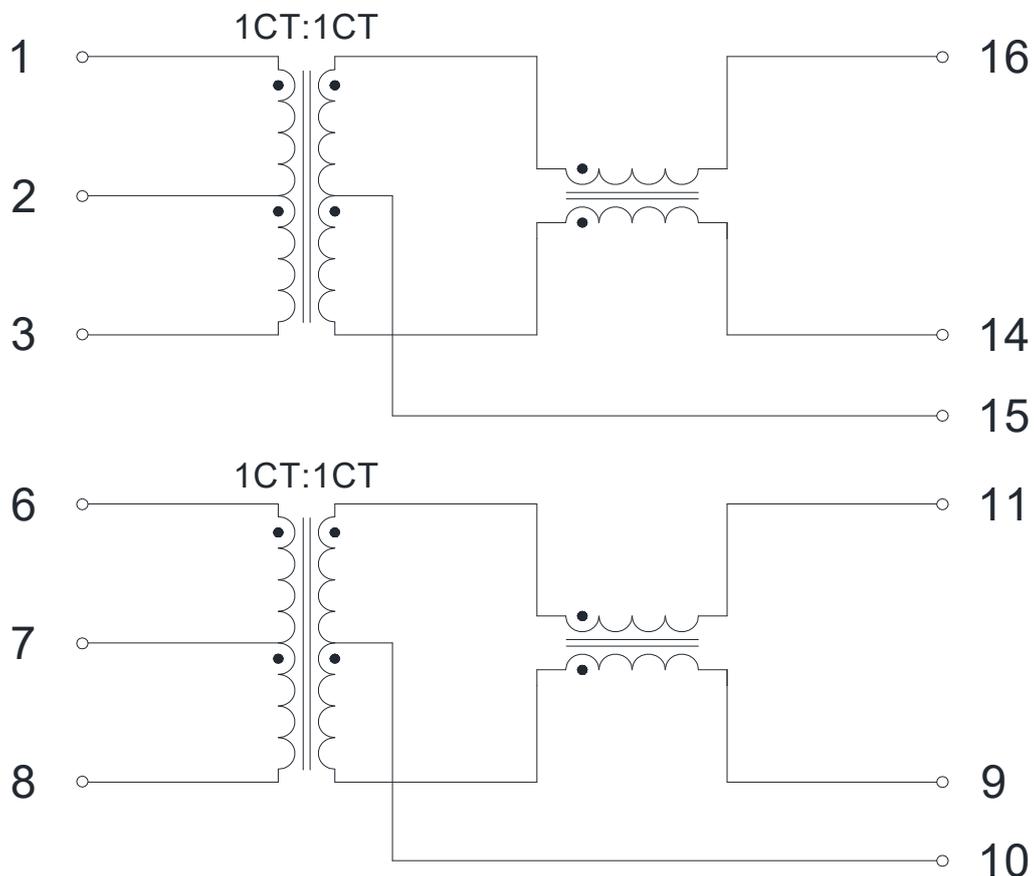
Electrical Specifications@25°C

Part Number	Turns Ratio (±3%)		OCL(uH Min) @100KHz/0.2V 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	
ML16S02TRS	1CT:1CT	1CT:1CT	350	25	0.2	1.4	1.4	1500

Continue

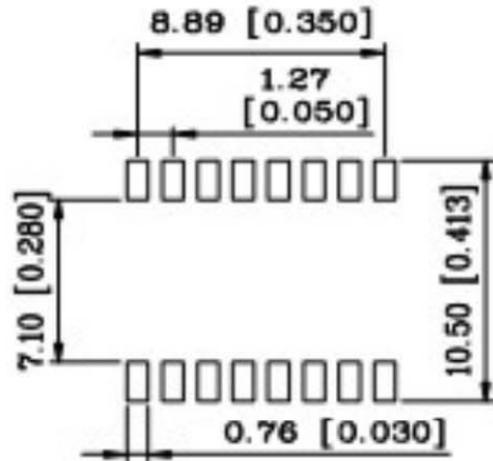
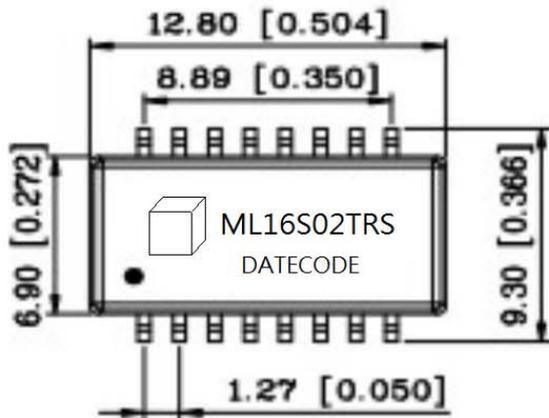
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
		0.3-100MHz	0.-30MHz	50MHz	60-80MHz	0.3-60MHz	60-100MHz	0.3-30MHz	60MHz
ML16S02TRS	-1.1	-16	-12	-10	-42	-35	-40	-35	-30

Schematic

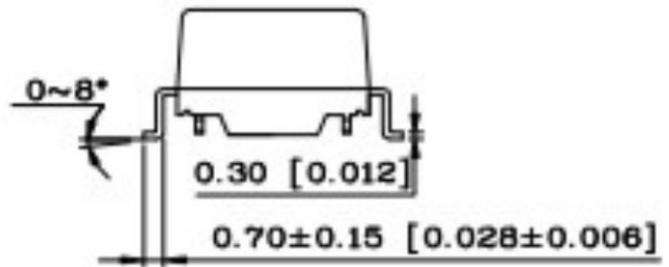
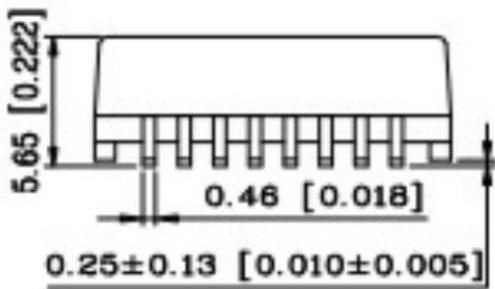




Mechanical



SUGGESTED PAD LAYOUT



Dimensions: inch (mm) Unless otherwise specified, all tolerances are ±0.25 [0.010]