

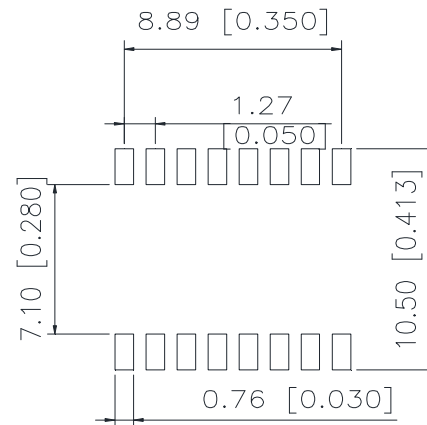
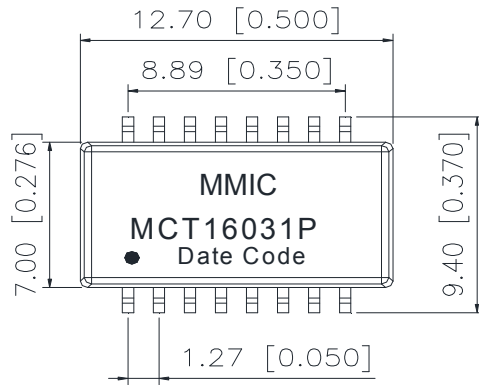
10/100 SMD LAN Transformer



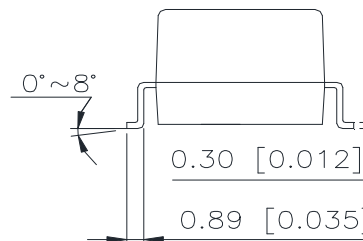
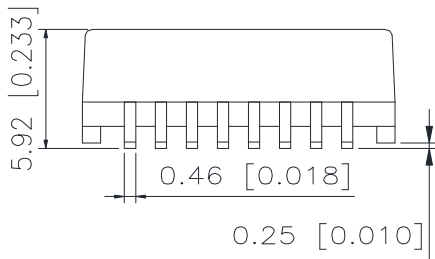
- RoHS compliant
- Compliant with IEEE 802.3at standard
- Operating temperature range: -0°C to +70°C
- Storage temperature range: -20°C to +125°C

Electrical Specifications										
Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC				Insertion Loss (dB Max)			HI-POT (Vrms)
	TX	RX					1-100MHz			
MCT16031P	1CT:1CT	1CT:1CT	350				-1.0			1500
Continue										
Part Number	Return Loss (dB Min)				Cross Talk (dB Min)			DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
MCT16031P	-16	-14	-13	-12	-40	-35	-30	-40	-35	-30
Remark:Electrical characteristics at 25°C unless other specified.										

Mechanicals

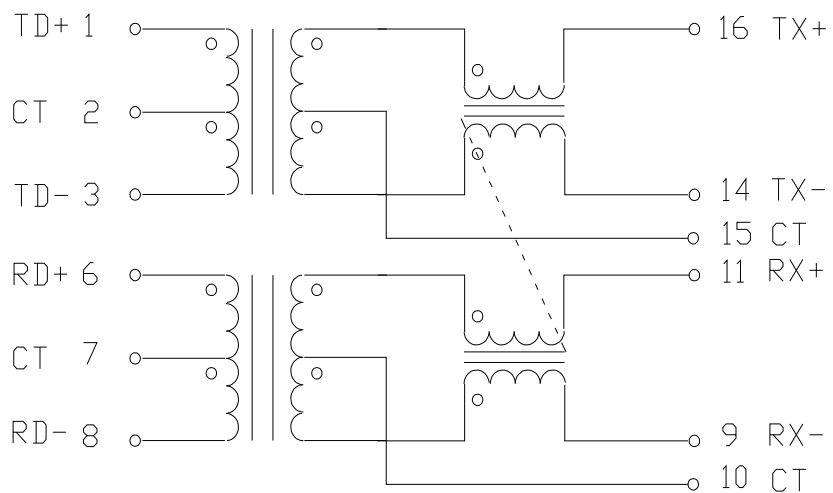


SUGGESTED PCB LAYOUT



Dimension: mm[Inch]±0.25[0.010]

Schematics



Package

