

10/100 BASE SINGLE PORT TRANSFORMER



- RoHS compliant.
- Compliant with IEEE 802.3 standard
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +125°C

Electrical Specifications

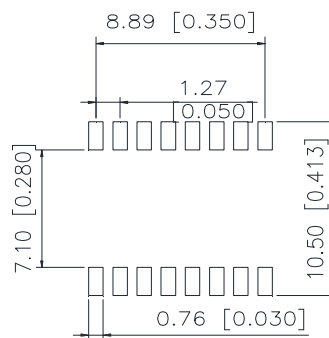
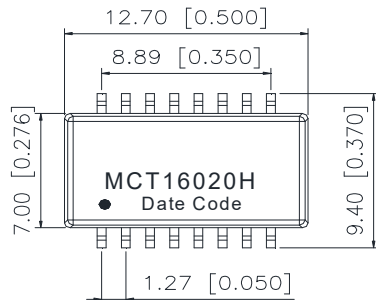
Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		1-100MHz	
MCT16020H	1CT:1CT	1CT:1CT	350	-1.1	1500

Continue

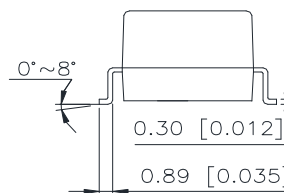
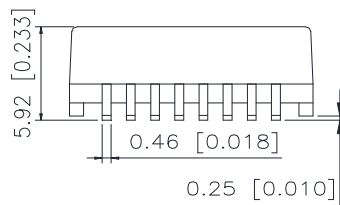
Part Number	Return Loss (dB Min)				Cross Talk (dB Min)			DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
MCT16020H	-18	-14.4	-13.1	-12	-40	-35	-30	-40	-35	-30

Remark:Electrical characteristics at 25°C unless other specified.

Mechanicals



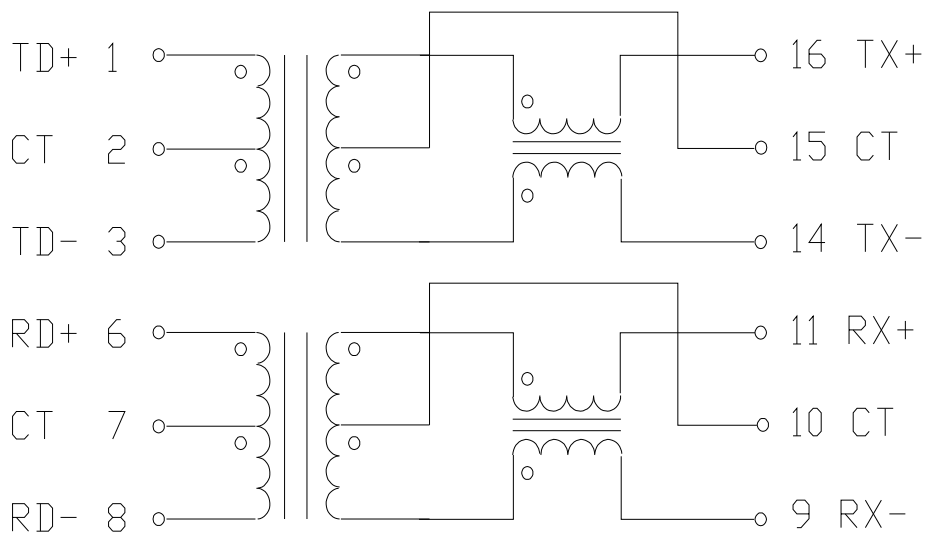
SUGGESTED PCB LAYOUT



Dimension: mm[Inch]±0.25[0.010]

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Schematics



Package

