

Sunuprise Technology Ltd.

10/100Base SMD Transformer

Part Number: S16102M

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

Electrical Specifications @ 25°C

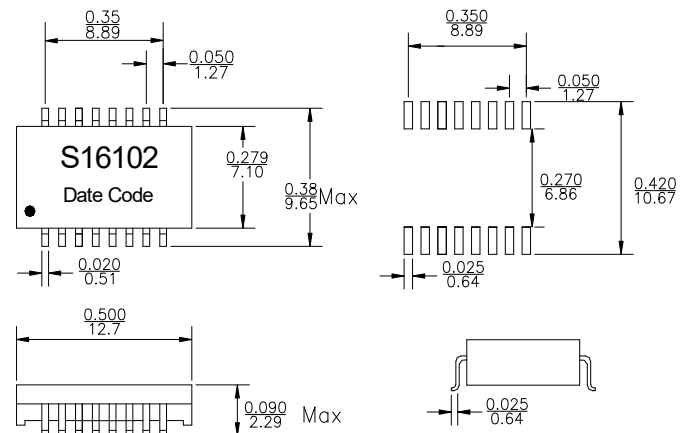
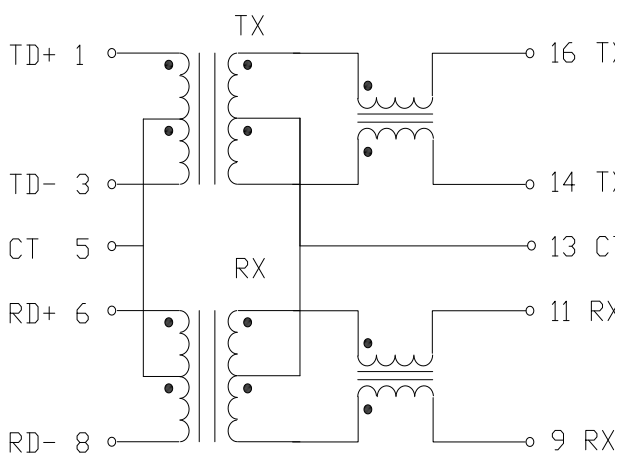
Part Number	Turns Ratio (±5%)		OCL(μH Min) @100KHz/0.1V	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		0.3-100MHz	
S16102M	1CT:1CT	1CT:1CT	350	-1.0	1500

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Part Number	Return Loss (dB Min)			Cross Talk (dB Min)			DCMR (dB Min)	
	30 MHz	60 MHz	100 MHz	30 MHz	50 MHz	100 MHz	0.3-60 MHz	60-100 MHz
S16102M	-18	-16	-12	-45	-40	-35	-33	-26

Schematics:

Mechanicals:



Dimensions:Inches/mm
Unless otherwise specified,tolerances:xx.x0±0.25(mm)
0.xx±0.05(mm)

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