



1x10/100/1000Base SMD Transformer

PartNumber: SG24002

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- Compliant with IEEE 802.3 standard,
- RoHS compliant.
- Operating temperature range :0°C to +70°C.
- Storage temperature range:-25°C to +125°C

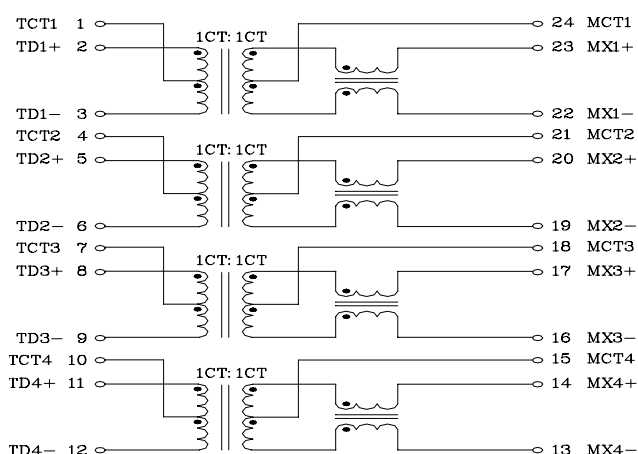
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max)	HI-POT (Vrms)
	TX	RX		1-100MHz	
SG24002	1CT:1CT	1CT:1CT	350	-1.1	1500

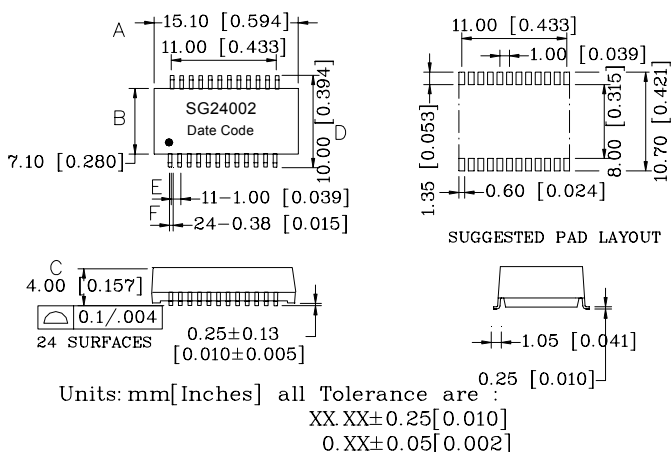
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Part Number	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz z	100MHz	30MHz	60MHz	80MHz	30MHz	60MHz	100MHz
SG24002	-18	-14.4	-13.1	-12	-10	-45	-40	-35	-43	-37	-33

Schematics:



Mechanicals:



R0(07/12)