

Sunuprise Technology Ltd.

10/100/1000Base SMD Transformer

PartNumber: SG24012M

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- Compliant with IEEE 802.3 standard,
- RoHS compliant.
- Operating temperature range :-40°C to +70°C.
- Storage temperature range:-45°C to +85°C

Electrical Specifications @ 25°C

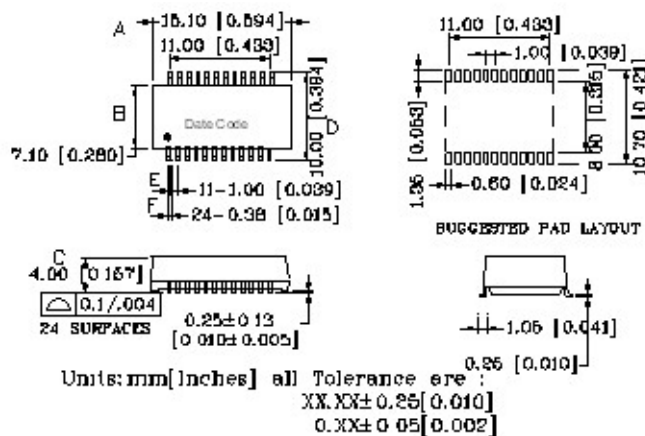
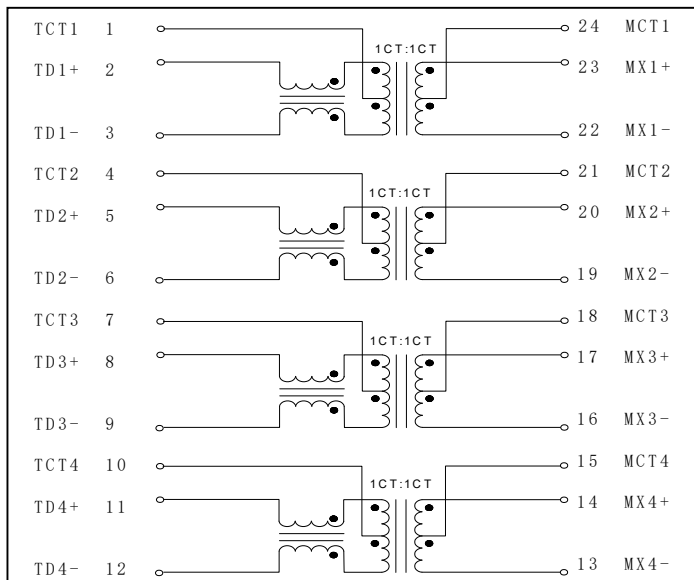
Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V with 8.0mA DC	Insertion Loss (dB Max) 1-100MHz	HI-POT (Vrms) 1500
	TX	RX			
SG24012M	1CT:1CT	1CT:1CT	350	-1.1	1500

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Part Number	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	80MHz	30MHz	60MHz	100MHz
SG24012M	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-43	-37	-33

Schematics:

Mechanicals:



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Tel: +86-816-8386139/0-18508164900 E-mail: Johnhubei@163.com