

Sunuprise Technology Ltd.

1/2.5GBase SMD Transformer

PartNumber: SHG24013

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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

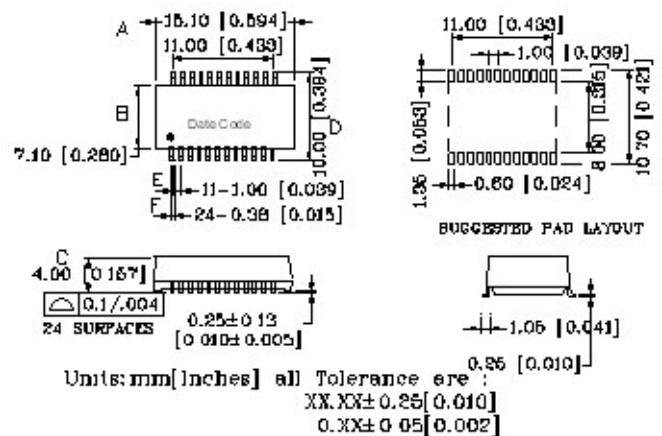
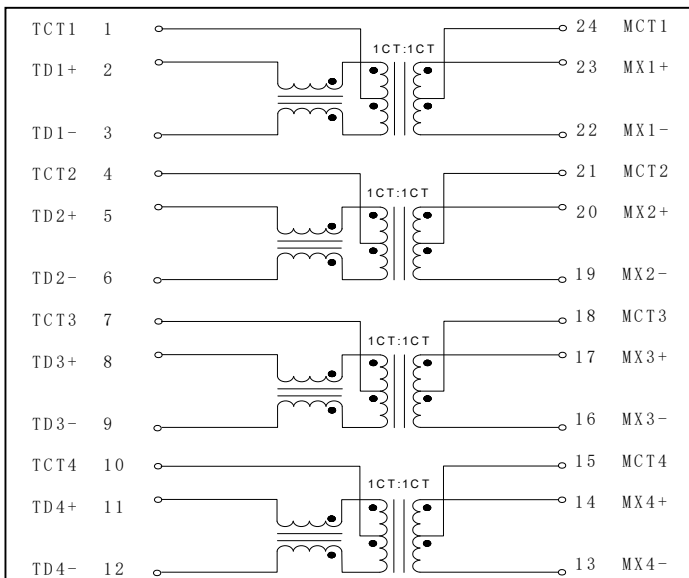
Part Number	Turns Ratio (±5%)		OCL(uH Min) @100KHz/0.1V	Insertion Loss (dB Max) 1-125MHz	HI-POT (Vrms)
	TX	RX			
SHG24013	1CT:1CT	1CT:1CT	160	-1.0	1500

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Part Number	Return Loss (dB Min)					Cross Talk (dB Min)			DCMR (dB Min)		
	1-40MHz	40MHz	50MHz	60-80MHz	125MHz	30MHz	60MHz	80MHz	30MHz	100MHz	125MHz
SHG24013	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-35	-30	-25

Schematics:

Mechanicals:



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