

Sunuprise Technology Ltd.

10G SMD Transformer

Part Number: STG24B01MP

- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- DC Current Carrying Capability: 600mA MAX@57V.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -20°C to +125°C

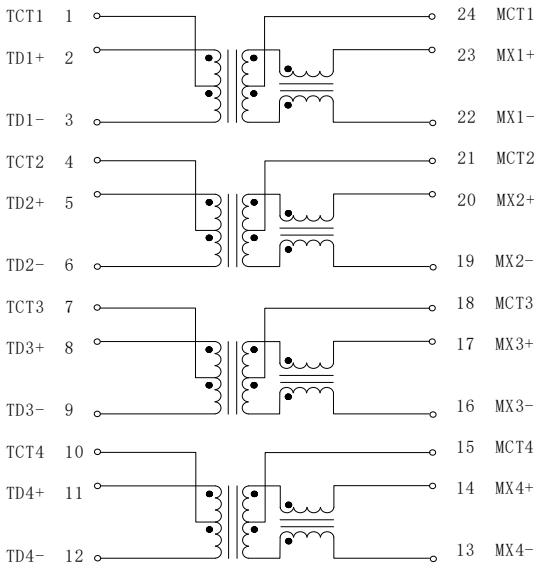
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)		OCL(μH MIN.) @100KHz/0.1V With DC 10.3mA	Insertion Loss (dB MAX.)		DCMR (dB MIN.)		HI-POT (Vrms)
	TX	RX		100 KHz	1-500 MHz	1-250 MHz	250-500 MHz	
STG24B01MP	1CT:1CT	1CT:1CT	120	-3.0	-3.0	-30	-22	1500

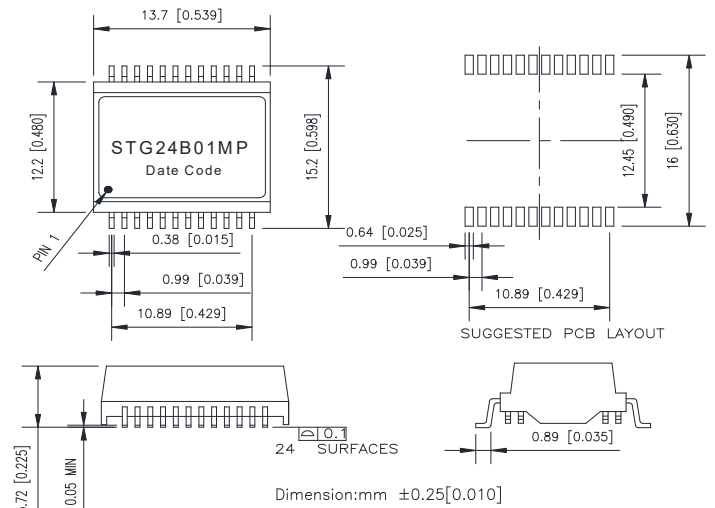
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Part Number	Return Loss (dB MIN.)		Cross Talk (dB MIN.)		CMRR (dB MIN.)		
	1-40 MHz	40-500 MHz	1-100 MHz	100-500 MHz	1-100 MHz	100-300 MHz	300-500 MHz
STG24B01MP	-20	-20+10*lg(f/40)	-33	-22	-37	-30	-25

Schematics:



Mechanicals:



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