

Sunuprise Technology Ltd.

10G SMD Transformer

Part Number: STG24809MP

- Compliant with IEEE 802.3 standard.
- RoHS compliant.
- Power over Ethernet(PoE) Magnetics,4PPoE 150W@57VDC.
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -40°C to +85°C

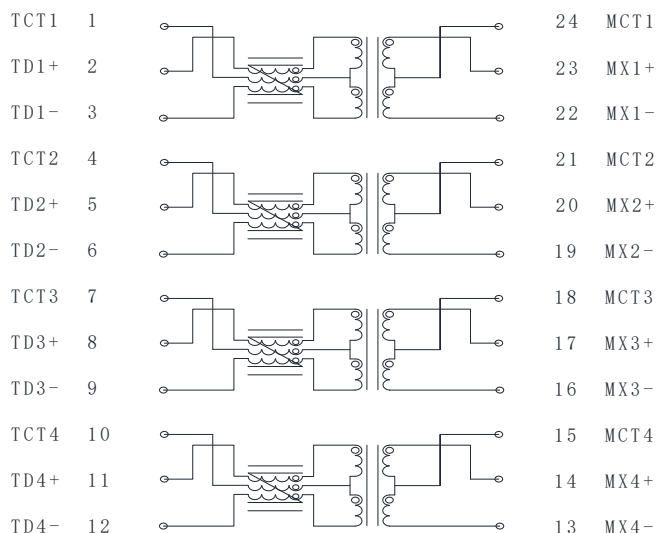
Electrical Specifications @ 25°C

Part Number	Turns Ratio (±2%)		OCL(μH Min) @100KHz/0.1V with 25.0mA DC	Insertion Loss (dB Max.)				HI-POT (Vrms)
	TX	RX		1-200 MHz	200-300 MHz	300-400 MHz	400-500 MHz	
STG24809MP	1CT:1CT	1CT:1CT	120	-1.0	-1.8	-2.0	-3.0	1500

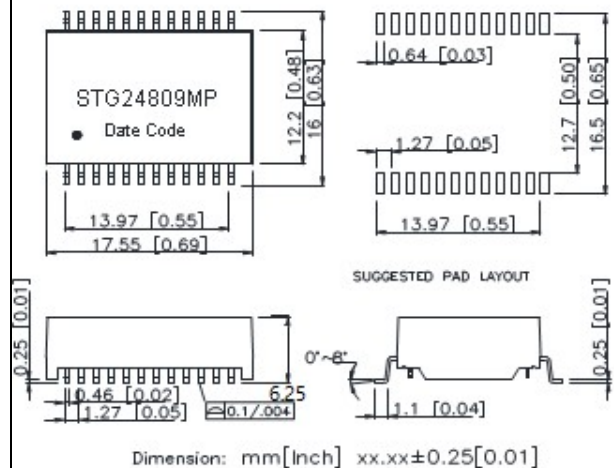
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Part Number	Return Loss (dB Min.)					Cross Talk (dB TYP.)	CMRR (dB TYP.)
	1-100 MHz	100-200 MHz	200-300 MHz	300-400 MHz	400-500 MHz		
STG24809MP	-18	-14.5	-11.3	-8.0	-6.5	-22	-22

Schematics:



Mechanicals:



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