

2.5G BASE-T SINGLE PORT TRANSFORMER

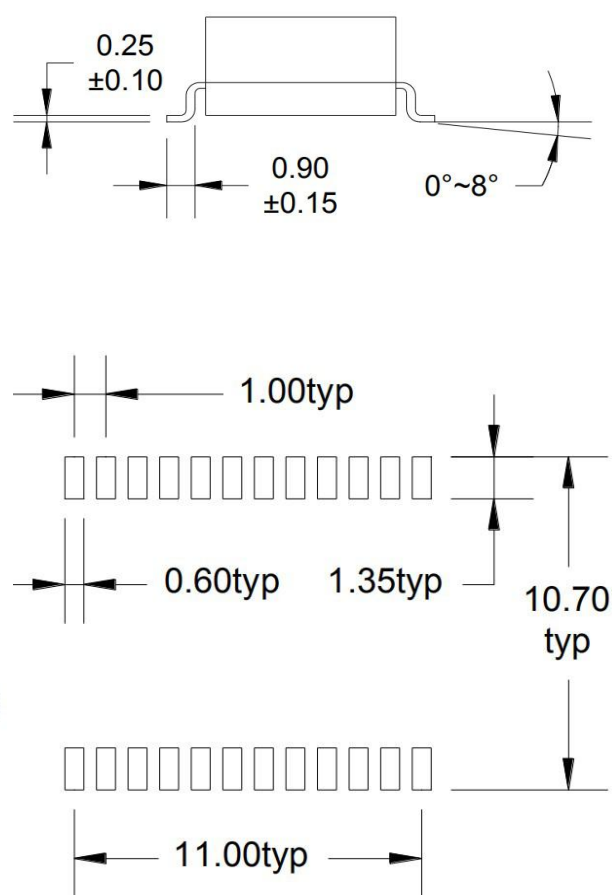
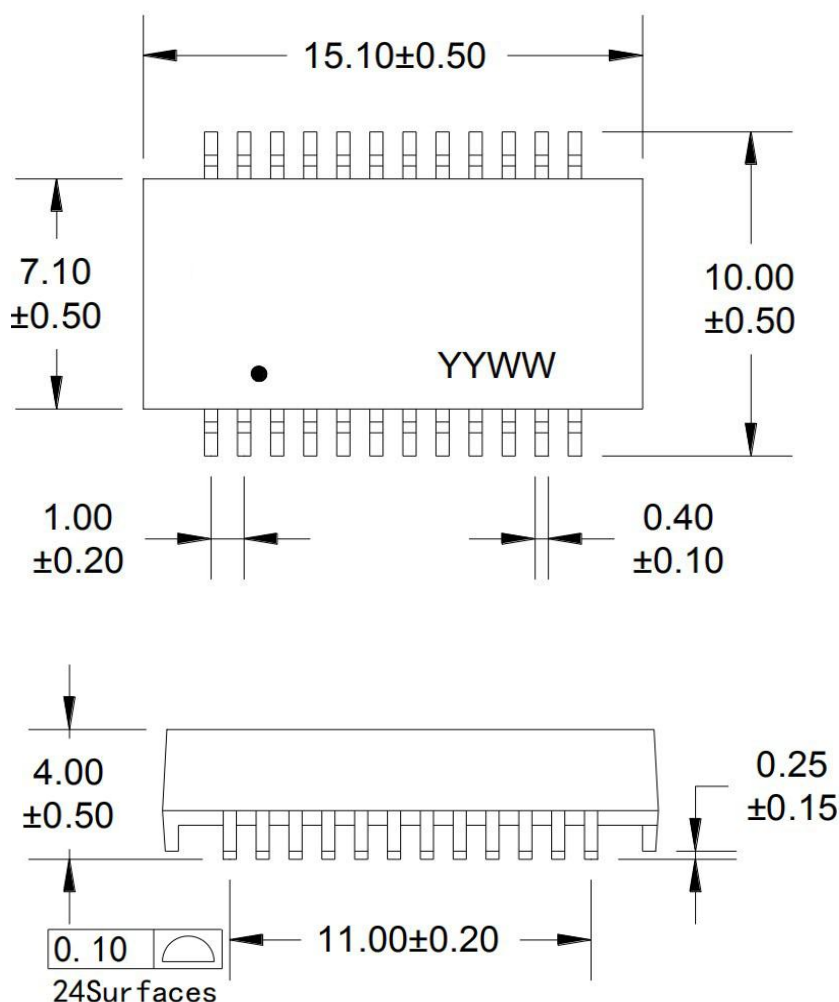
Part Number: 2G52409S



Features:

- Notice: This is a RoHS compliant component, All engineering changes must have prior approval by the design center
- Meets IEEE802.3bz and ANSI X3.263 standards
- 2.5/5G Base-T, Surface Mount Type, Open Header
- Operating temperature: 0°C ~ +70°C
- Storage temperature range: -25°C to +105°C.

Dimension



Suggested PAD Layout

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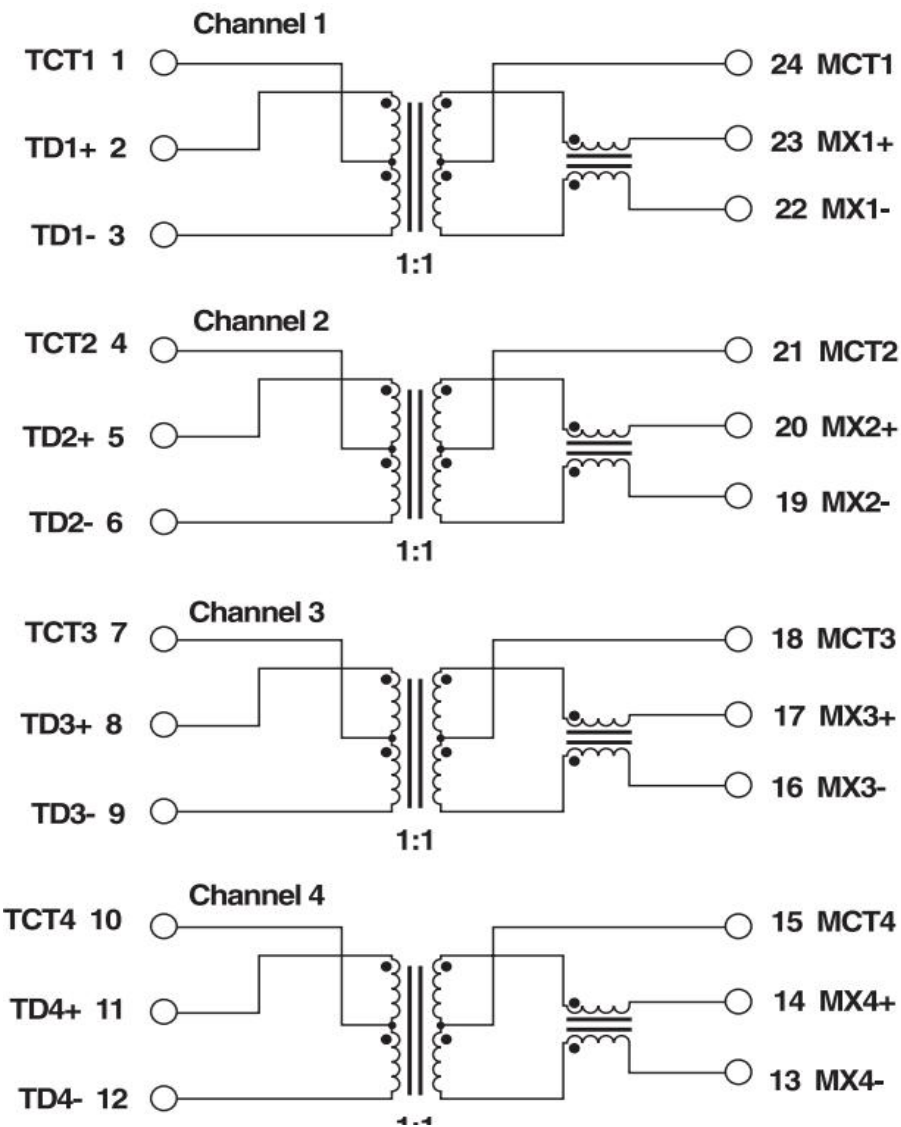


Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C								
Part NO	Trun Ratio(±2%)		OCL primary@100K Hz 0.1Vms	Insertion loss(dB max)		DCMR(dB MIN)		
	TX	RX		1~100KHz	100-300MHz	30MHz	100MHz	125MHz
2G52409S	1CT:1CT	1CT:1CT	180uH Min	-3.0	-1.5	-35	-30	-25

Electrical Specification@25° C Operating Temperature 0 to +70° C						
Part NO	Return Loss(dB min)MHz		Crosstalk(dB min)MHz			Isolation Voltage(Vrms min@ 60S)
	1-100MHz	100-300MHz	30MHz	100MHz	125~300MHz	
2G52409S	-18	-16+10*LOG(f/40)	-35	-30	-25	1500V

Schematic



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Package:

