

2.5G /5G BASE-T SINGLE PORT MAGNETICS MODULE

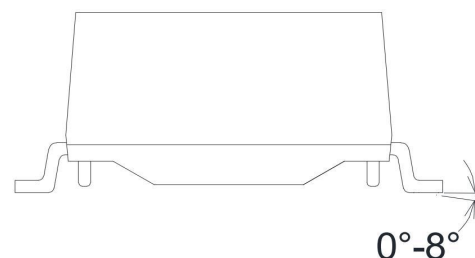
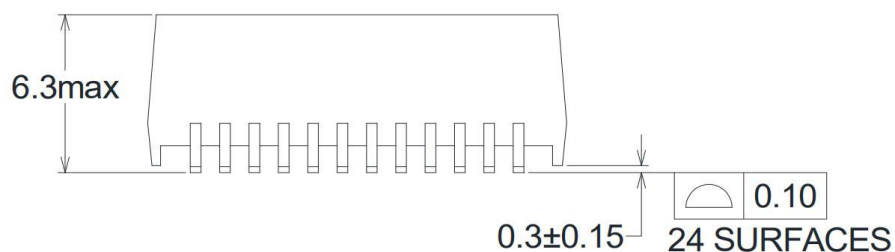
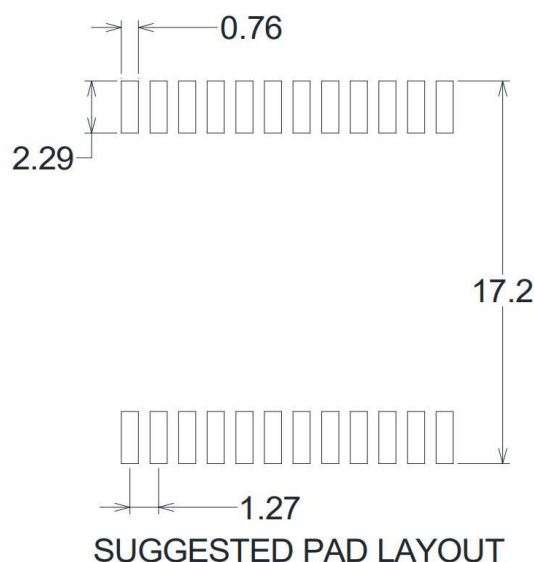
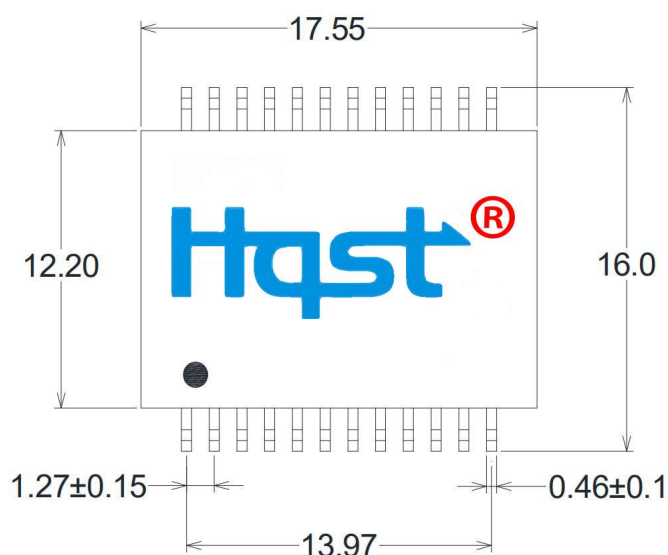
Part Number:2G52405SP



Features:

- Comply with RoHS requirements.
- Comply with IEEE802.3 and ANSI3.263 standards
- Suitable For End-span PoE Applications with 1A current capability
- Operating temperature:-40°C to + 85°C
- Storage temperature range:-40°C to + 110°C

Dimension



Specifications

Electrical Specification@25° C Operating Temperature -40°C to + 85°C										
Part NO	Trun Ratio(±2%)		OCL primary@100KHz 0.1Vms 8mA		CDMR		DCR(Ω)			
	TX	RX			1-125MHz _z	125-300MHz _z	180uH MIn @100KHZ			
2G52405SP	1CT:1CT	1CT:1CT	180uH Min		-35dB Min		-30dB Min			
Electrical Specification@25° C Operating Temperature -40°C to + 85°C										
Part NO	Insertion loss		Return Loss OUT=100 OHM±1%) (Z		CROSSTALK, ADJACENT CHANNELS		COMM		Crosstalk(d B min)MHz	Isolation Voltage(Vrmm s min)
	100KH _z	1-300MHZ	1-100	100-300	1-100	100-300	1-100	100-300	1-100	
2G52405SP	-3.0	-1.5	-18	-10	-40	-30	-35	-30	-40	1500

Schematic

