

10G BASE-T SINGLE PORT MAGNETICS MODULE

Part Number: G82420S



Features:

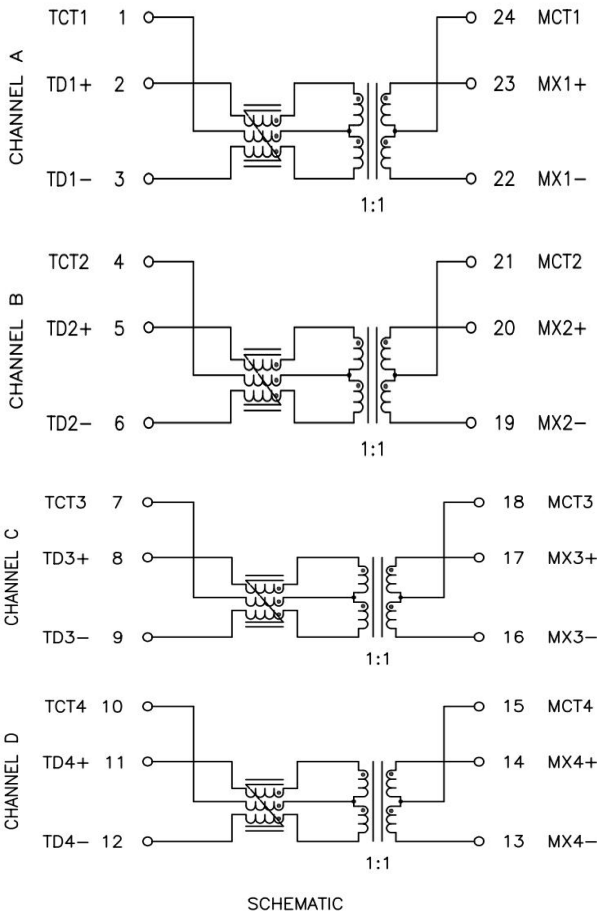
- Comply with IEEE802.3an & IEEE802.3bt.
- Comply with RoHS requirements.
- Designed to support applications up to 1100mA Per centre tap
- Operating temperature:0°C t0 +70°C
- Storage temperature range:: -20°C to +125°C

Specifications

Electrical Specification@25° C Operating Temperature 0°C t0 +70°C								
Part NO	Trun Ratio(±3%)		OCL primary@100KHz 0.1Vms	Insertion loss(dB max)		DCMR(dB MIN)		DC CURRENT/VOLTAGE RATING (Ω)
	TX	RX		1-500MHz	100KHz	1-250KHz	250-500KHz	
G82420S	1CT:1CT	1CT:1CT	120uH Min	-2.0	-3.0	-30	-22	600 mA MAX @57V

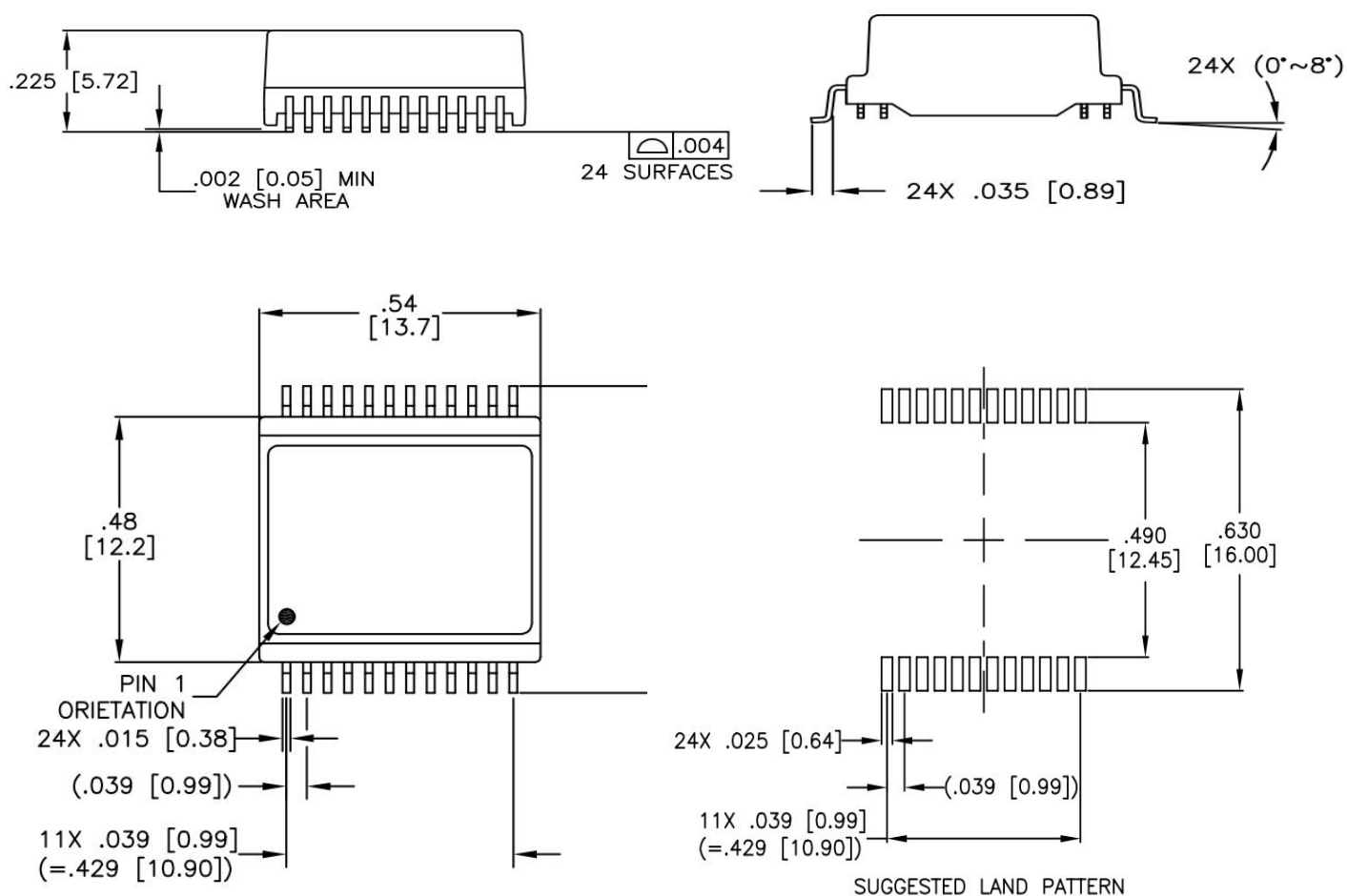
Electrical Specification@25° C Operating Temperature 0°C t0 +70°C								
Part NO	COMMON MODE REJECTION RATIO (dB MIN)			Return Loss(dB min)MHz		Crosstalk(dB min)MHz		Isolation Voltage(Vrms min@)
	1-100MHz	100-300MHz	300-500MHz	1-40MHz	40-500MHz	1-100MHz	100-500MHz	
G82420S	-35	-28	-22	-18	-17+10*LOG (f/40) dB Min	-40	-30	1500

Schematic



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