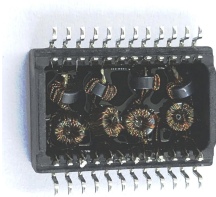


10G BASE-T SINGLE PORT MAGNETICS MODULE

Part Number: G82417S



Features:



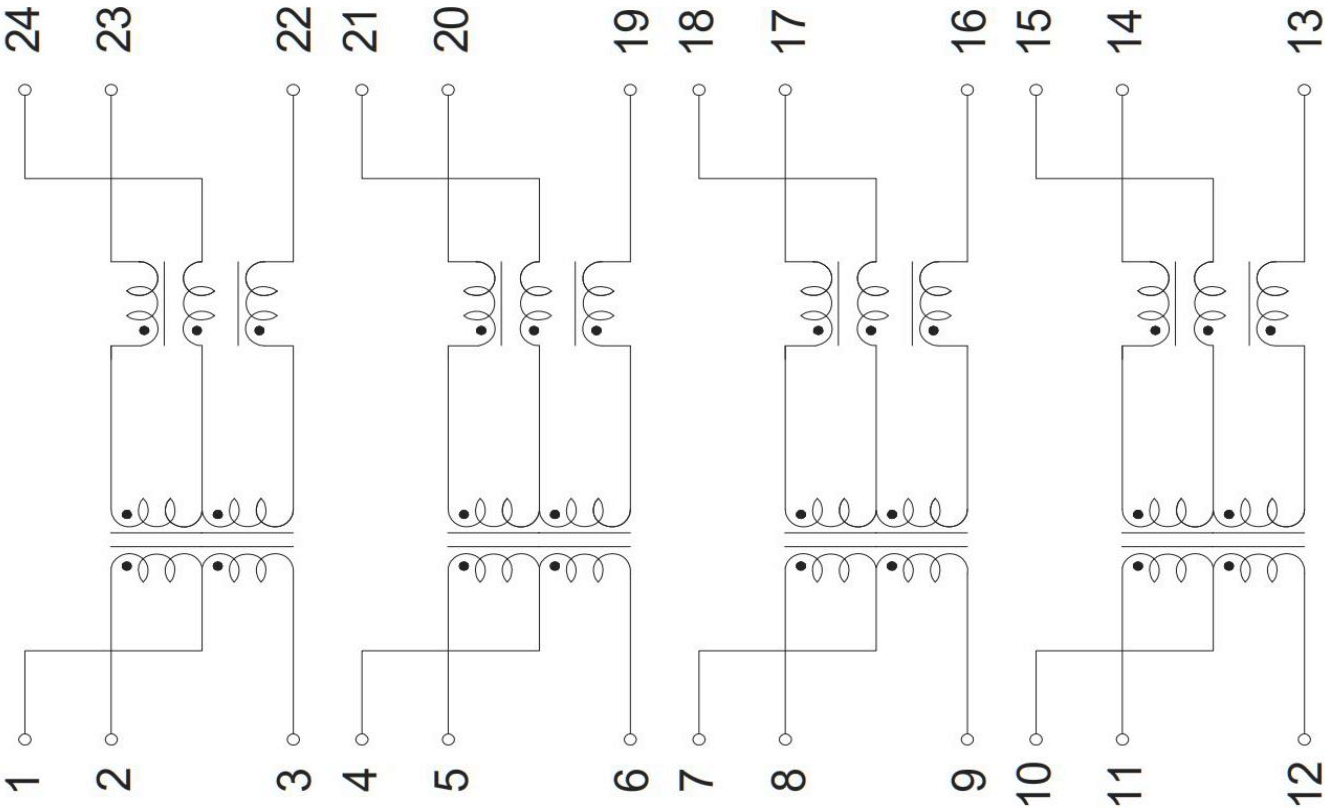
Notice : This is a RoHS compliant component,
All engineering changes must have prior approval
by the design center
Designed to meet IEEE 802.3 requirements.
10G BASE-T Ethernet Magnetics
Operating temperature: 0°C~+70°C
Storage temperature range: -25~+105°C

Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C								
Part NO	Trun Ratio(±3%)		OCL primary@100K Hz 0.1V/ms	Insertion loss(dB max)		DCMR(dB MIN)		DC CURRENT/VOLTA GE RATING(Ω)
	TX	RX		1-250MHz	250-500MHz	1-250KHz	250-500KHz	
G82417S	1CT:1CT	1CT:1CT	120uH Min	-1.5	-3.0	-30	-22	600 mA MAX @57V

Electrical Specification@25° C Operating Temperature 0 to +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	
G82417S	-35	-28	-22	-16	-16+10*LOG(f/40)dB Min	-35	-30	1500

Schematic



10G BASE-T SINGLE PORT MAGNETICS MODULE
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