

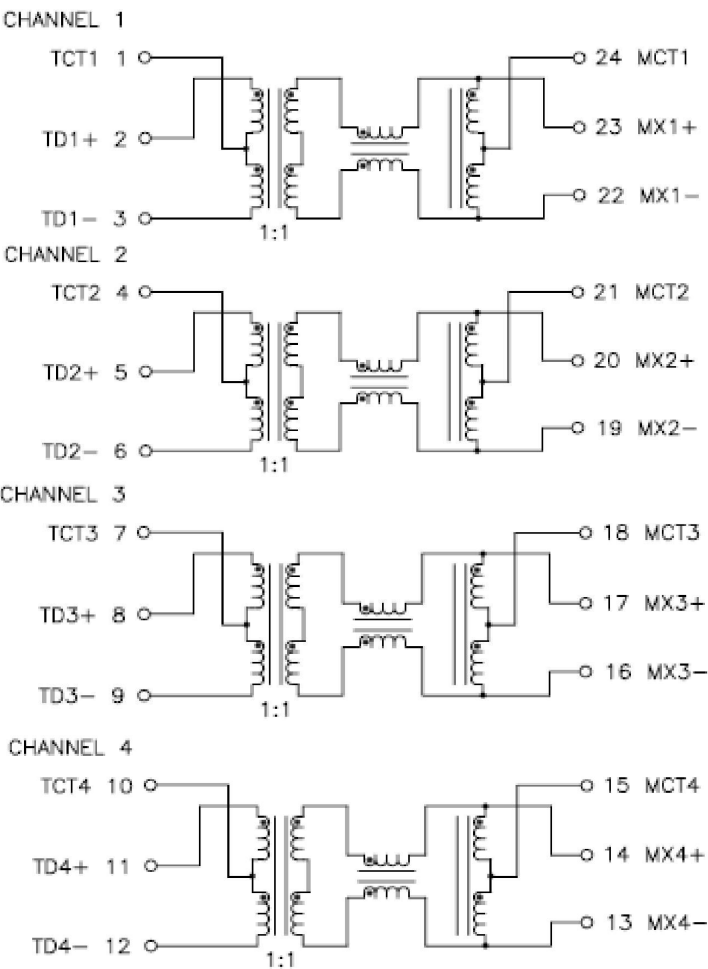
Features:

- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3 standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating temperature range: -40℃+85℃
- Storage temperature range: -55℃ to +125℃.

Specifications

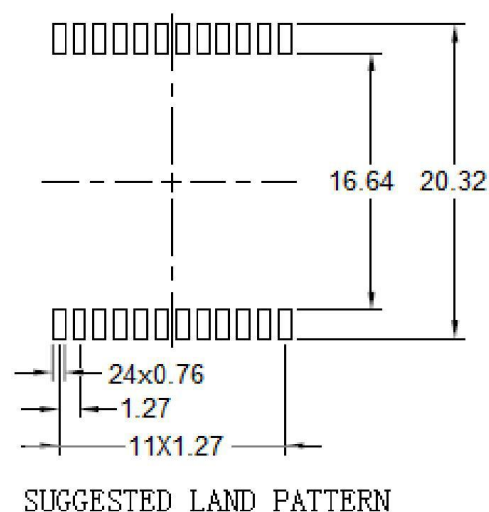
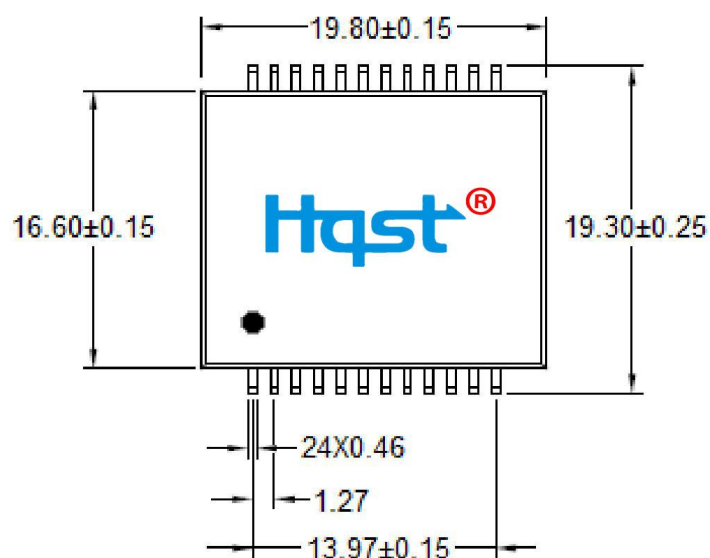
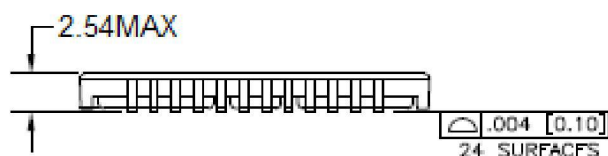
Electrical Specification@25° C Operating Temperature 0 to -40℃+85℃											
Part NO	Trun Ratio(±2%)		OCL primary@100K Hz 0.1Vms 8mA	Leakage primary@10KHz 0.1Vms			Cww(Pri:Sec)		DCR(Ω)		
	TX	RX							Primary	Secondary	
HX82423S	1CT:1CT	1CT:1CT	350uH Min	0.5uH max			35PF		0.7Max	0.9Max	
Electrical Specification@25° C Operating Temperature 0 to -40℃+85℃											
Part NO	Insertion loss(dB max) 1- 100MHz		Return Loss(db min)MHz					CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
			1-30	40	50	60-80	100	1-60	60-100	1-100	
HX82423S	-1.2		-18	-14.4	-13.1	-12	-10	-40	-35	-40	1500

Schematic



100/1000BASE-TX TRANSFORMER MODULES

Part NO:HX82423S



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