

100/1000 BASE-TX TRANSFORMER MODULES

Part NO:HX82409S2



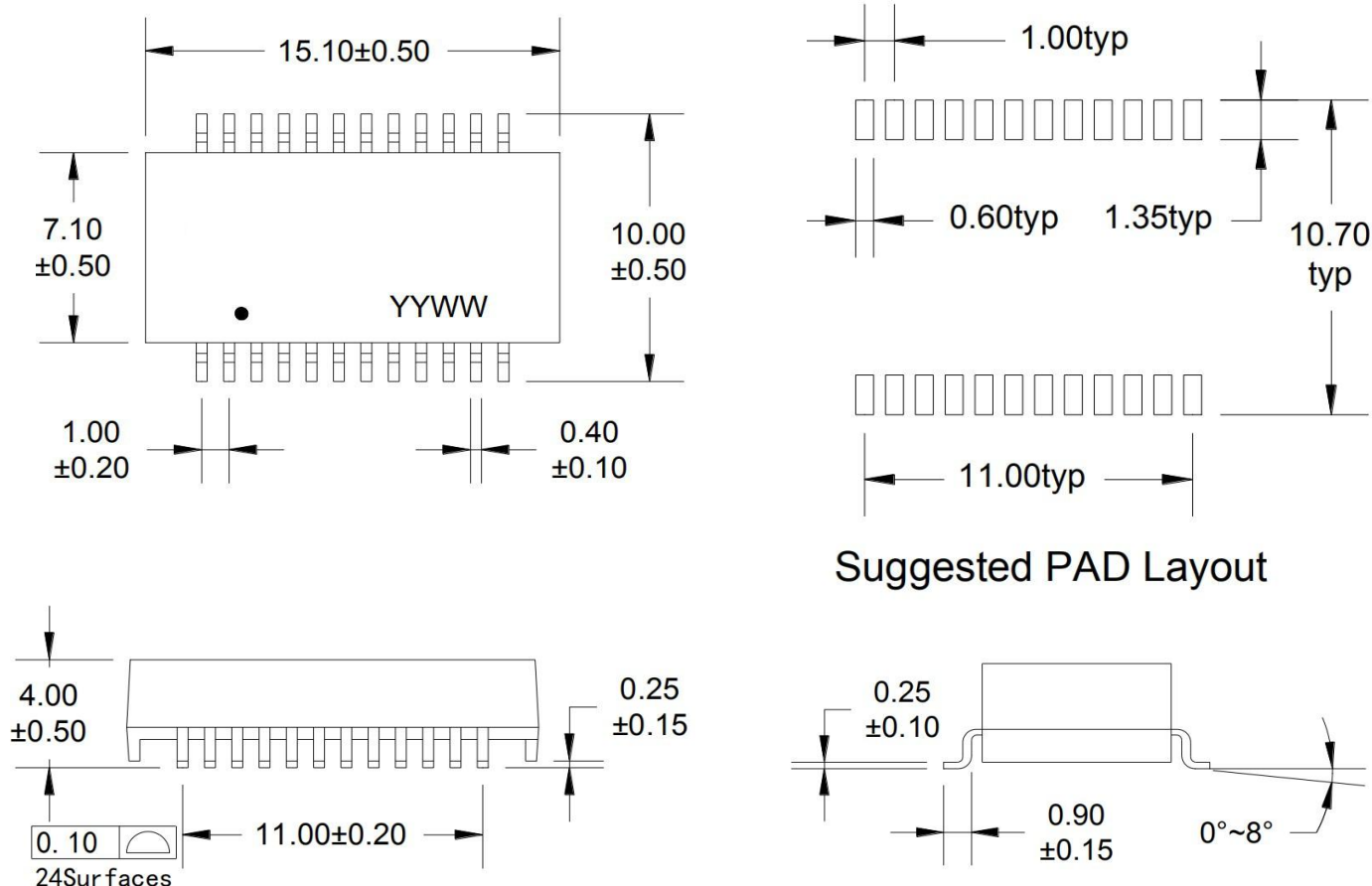
Features:

- Meets IEEE802.3 and ANSI3.263 standards
- RoHS Compliant
- 100/1000 Base-T, Surface Mount Type, Open Header
- Operating temperature range:-40°C to +85°C
- Storage temperature range:-55°C to +125°C

Specifications

Electrical Specification@25° C Operating Temperature -40 to+85°C									
Part NO	Trun Ratio(±2%)		OCL primary@100KHz 0.1Vms 8mA	Leakage primary@10KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
HX82409S2	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	0.9Max	1.2Max		
Electrical Specification@25° C Operating Temperature -40 to+85°C									
Part NO	Insertion loss(dB max) 1-100MHz	Return Loss(db min)MHz				DMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-100	1-60	60-100		
HX82409S2	-1.2	-18	-14.4	-13.1	-12	-40	-35	-40	1500

Mechanical:



HQST ELECTRONICS CO., LTD.

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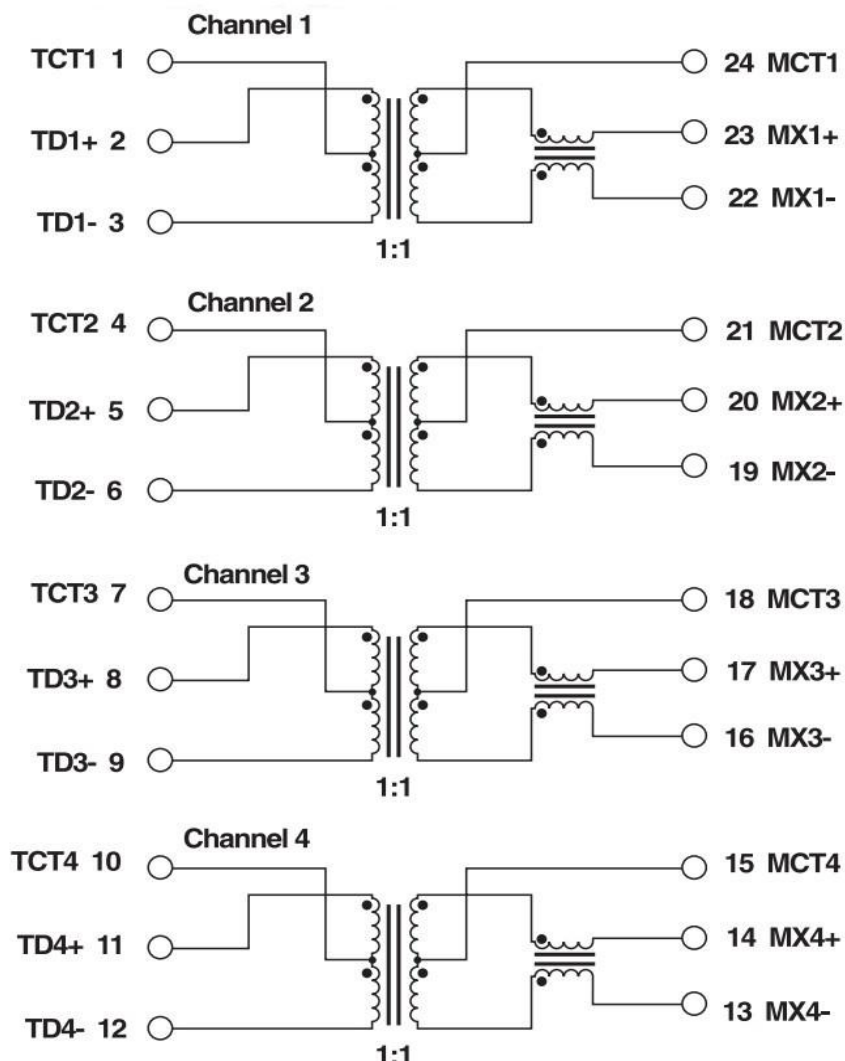
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