

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H82422S



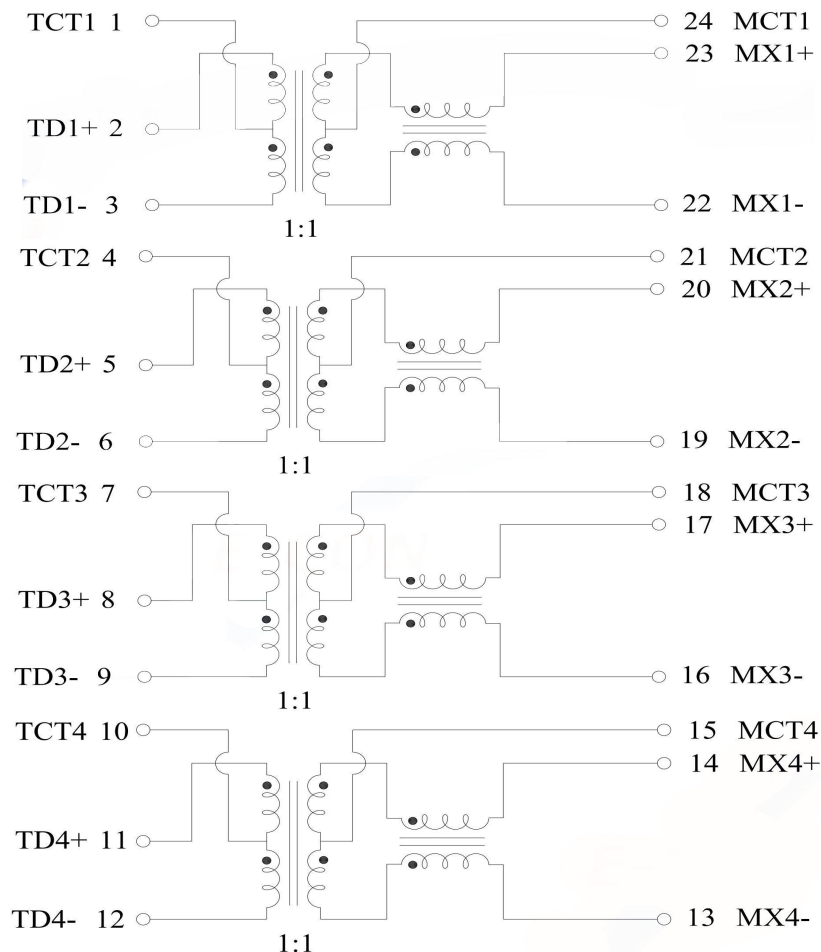
Features:

- 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: 0°C to +70°C.
- Storage temperature range: -10°C to +85°C.

Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Trun Ratio(±2%)		OCL primary@10 0KHz 0.1Vms	Leakage primary@10KH z 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
H82422S	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	1 ~ 100 MHz	0.9Max		
Electrical Specification@25° C Operating Temperature 0 to +70° 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	30-60	60-80	80-100	1-60	60-100		
H82422S	-1.2	-18	-16	-12	-10	-40	-35	-40	1500

Schematic



HQST ELECTRONICS CO., LTD.

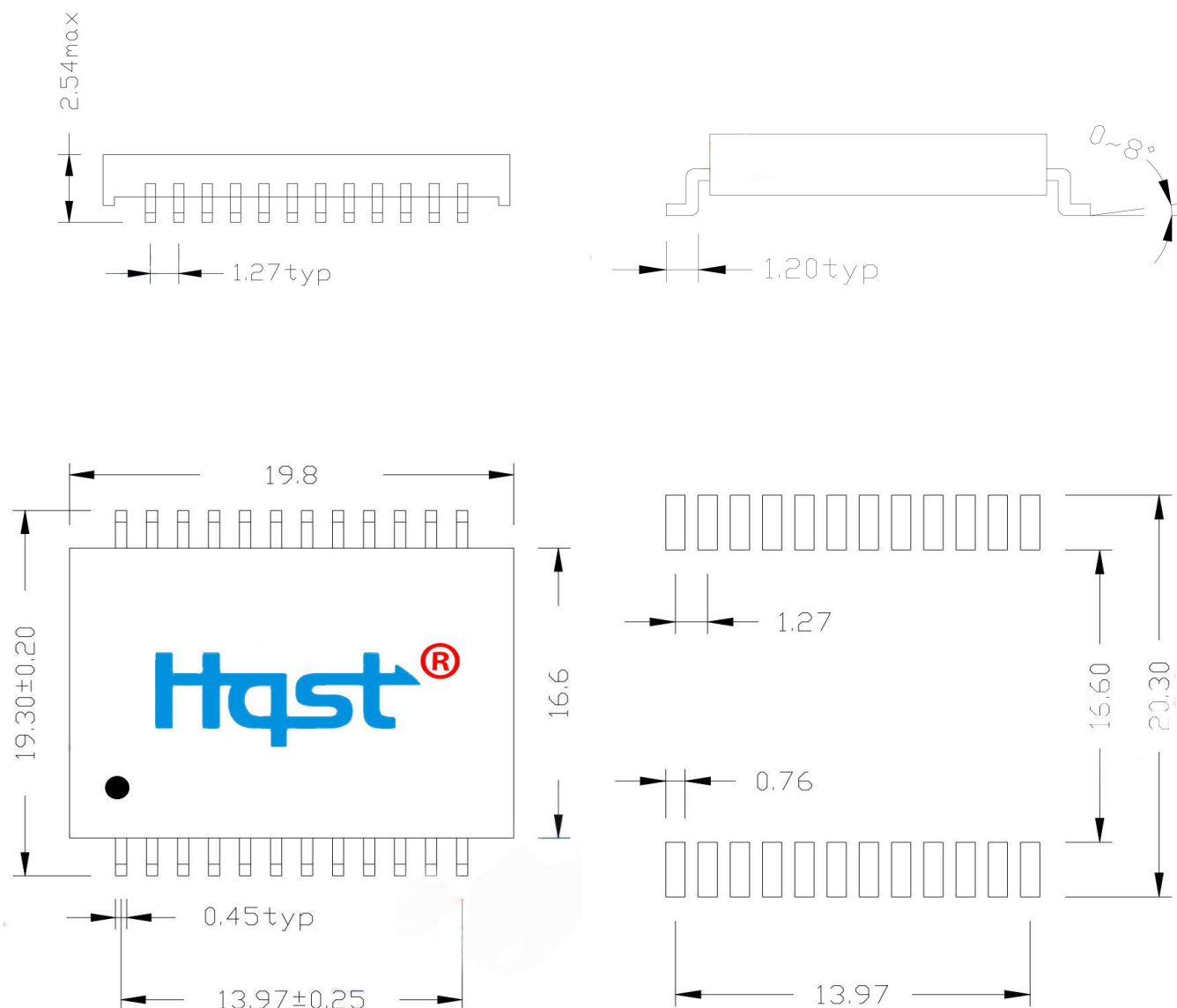
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