

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H84802S

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: -40°C to +85°C.

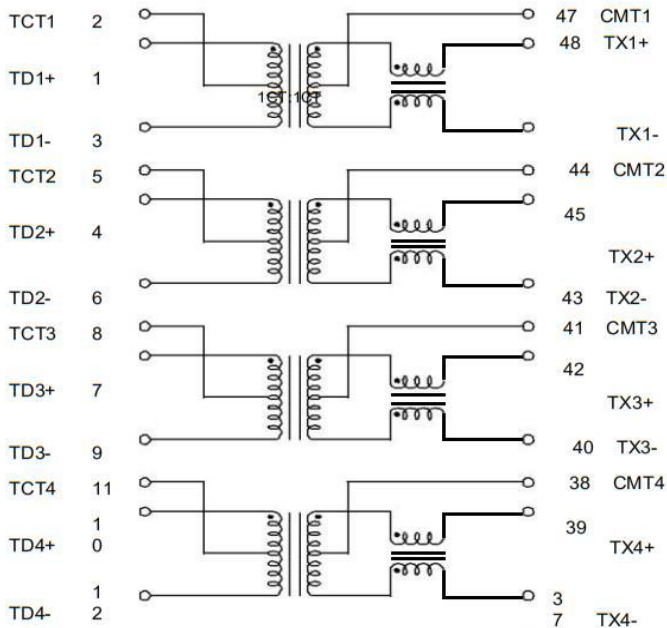
Specifications

Electrical Specification@25° C Operating Temperature 0°C to +70°C.										
Part NO	Trun Ratio(±2%)		OCL primary@100K Hz 0.2V 8MA	Leakage primary@10K Hz 0.2V	Cww(Pri:Sec)	DCR(Ω)		Primary	Secondary	
	TX	RX								
H84802S	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF			0.9Max	1.2Max	

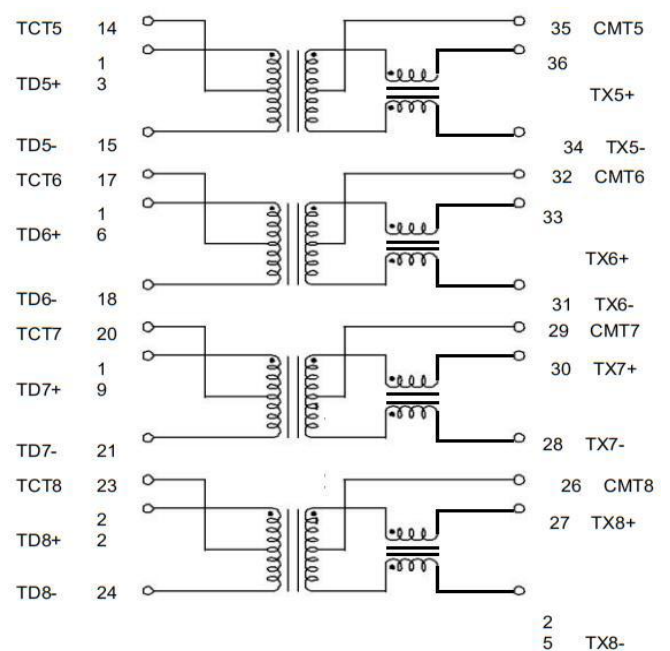
Electrical Specification@25° C Operating Temperature 0°C to +70°C.										
Part NO	Insertion loss(dB max) 1-100MHz	Return Loss(db min)MHz				CMRR(dB min)MHz		Crosstalk(dB min)MHz		Isolation Voltage(Vrms min)
		0.5-30	40	50	60-100	1-60	60-100	0.5-60	60-100	
H84802S	-1.1	-18	-14.4	-13.1	-12	-40	-35	-40	-35	1500

Schematic

PORT 1



PORT 2

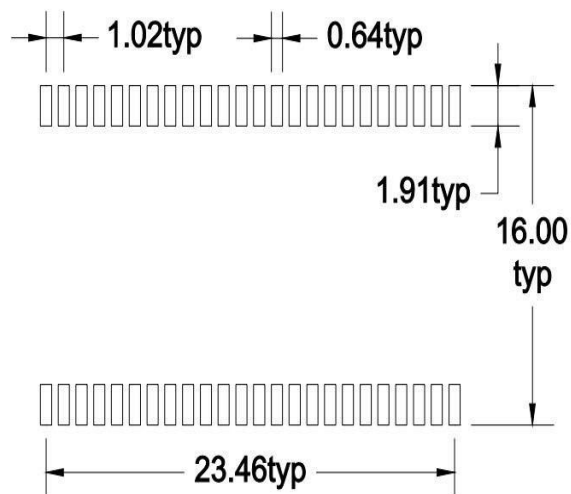
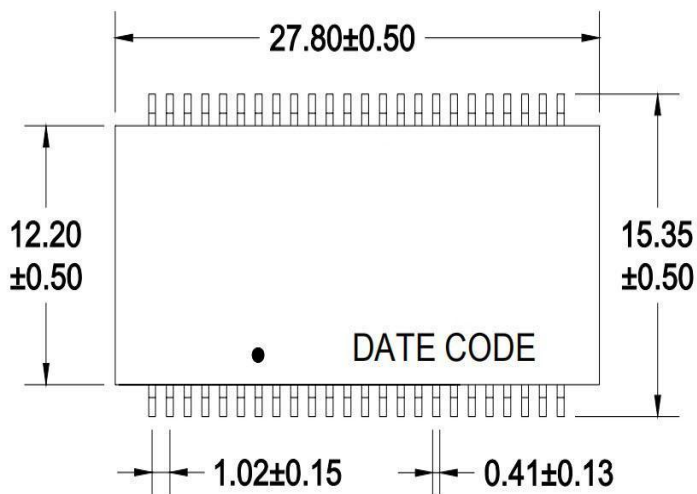


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Mechanical:



Suggested PAD Layout

