

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H84801S



Features:

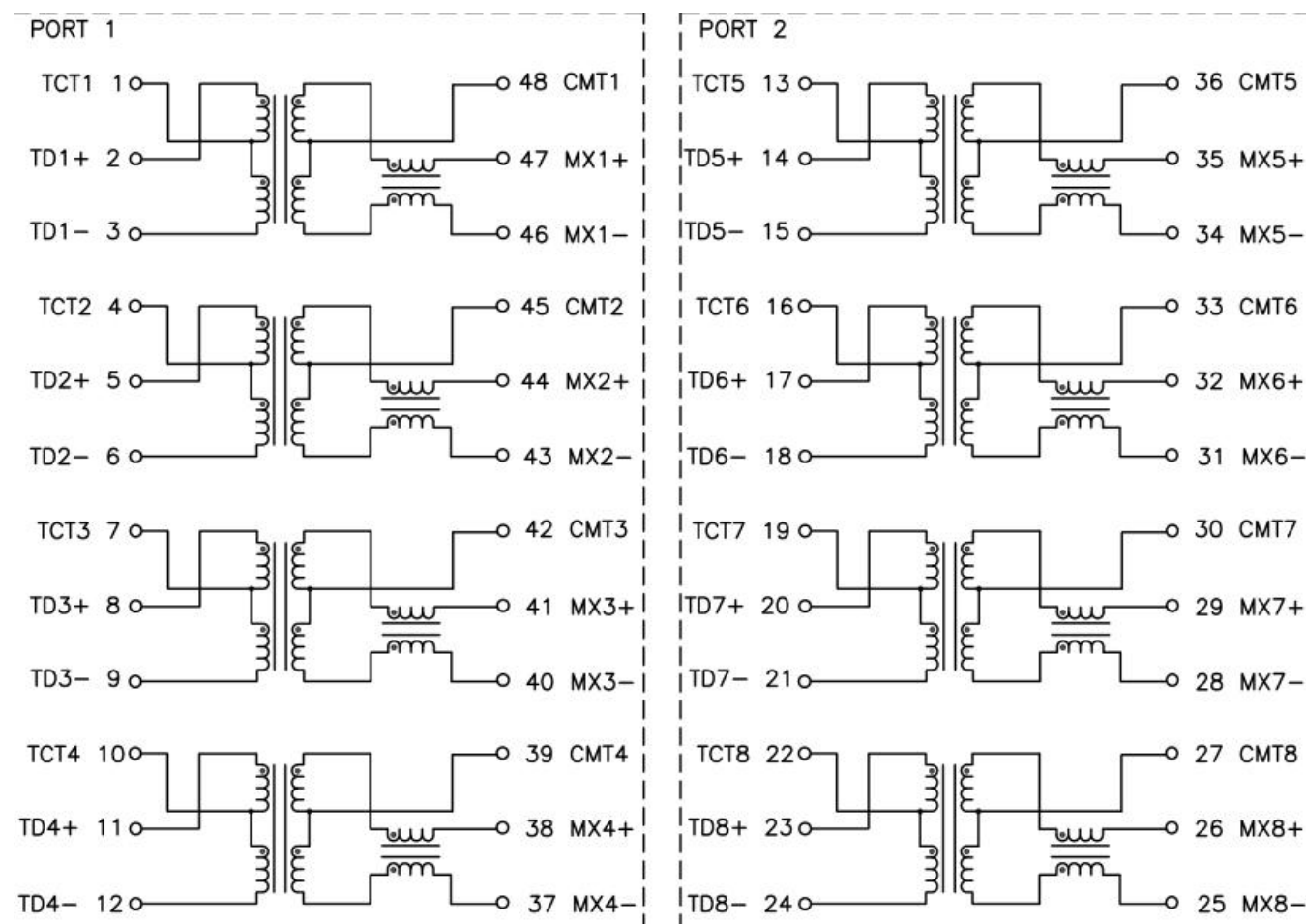


- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3 standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -10°C to +85°C.

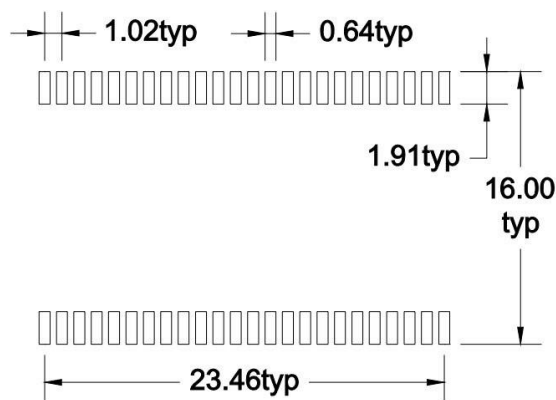
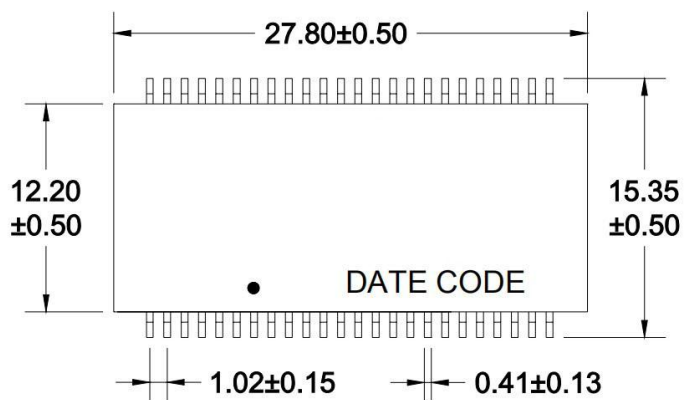
Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C										
Part NO	Trun Ratio(±2%)		OCL primary@100KHz 0.1Vms 8MA		Leakage primary@10KH z 0.1Vms		Cww(Pri:Sec)		DCR(Ω)	
	TX	RX							Primary	Secondary
H84801S	1CT:1CT	1CT:1CT	350uH Min		0.5uH max		35PF		0.9Max	1.2Max
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	40	50	60-100	1-60	60-100	1-100	
H84801S	-1.2		-18	-14.4	-13.1	-12	-40	-35	-40	1500

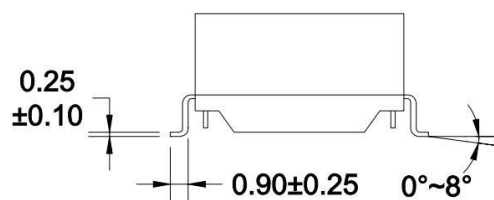
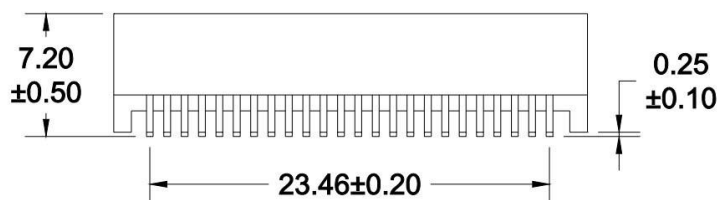
Schematic



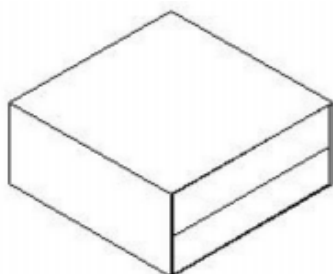
Mechanical:



Suggested PAD Layout



REEL



EXPORT CARTON: 350(L) * 350(W) * 260(H)

1. ONE PLATE: 350PCS

2. Five BOX CARTON: 1750PCS