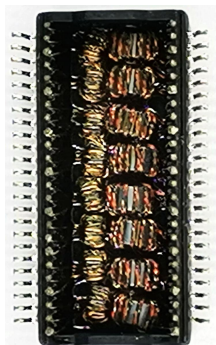


100/1000BASE-TX TRANSFORMER MODULES

Part NO:HX84803SP



Features:



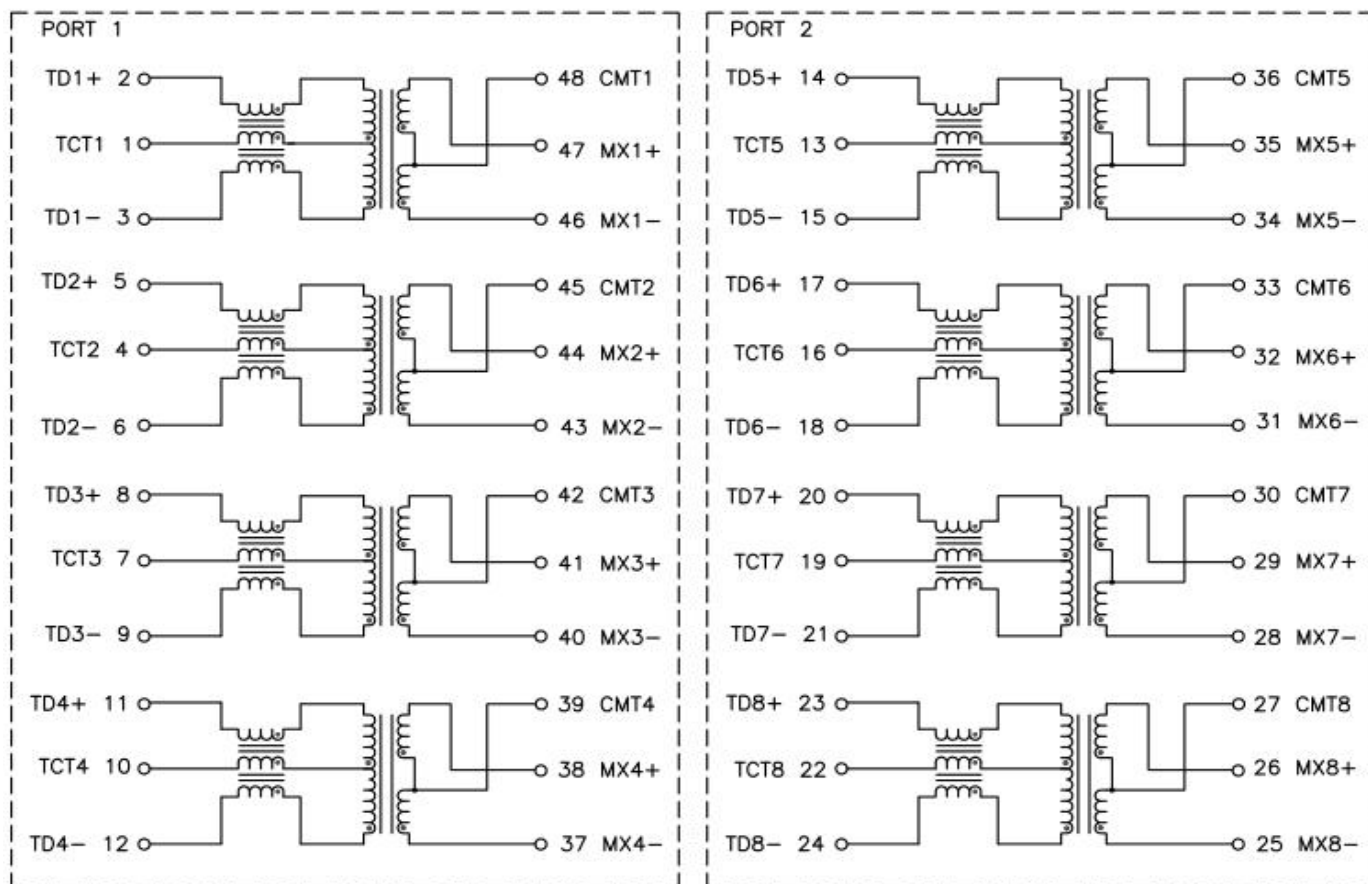
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3AT POE 720MA standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating temperature range: -40°C to +85°C.
- Storage 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@100K Hz 0.1Vms 15MA	Leakage primary@10 KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)	
	TX	RX				Primary	Secondary
HX84803SP	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				CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-100	1-60	60-100	1-100	
HX84803SP	-1.2	-18	-14.4	-13	-12	-40	-35	-40	1500

Schematic

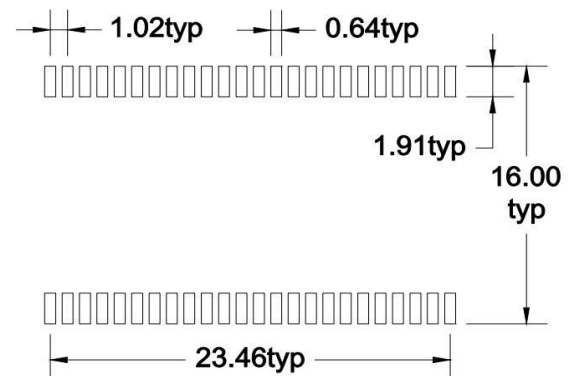
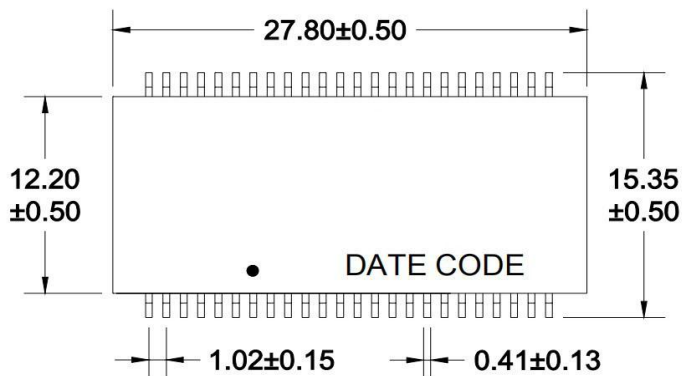


100/1000BASE-TX TRANSFORMER MODULES

Part NO:HX84803SP



Mechanical:



Suggested PAD Layout

