

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H82409S



Features:

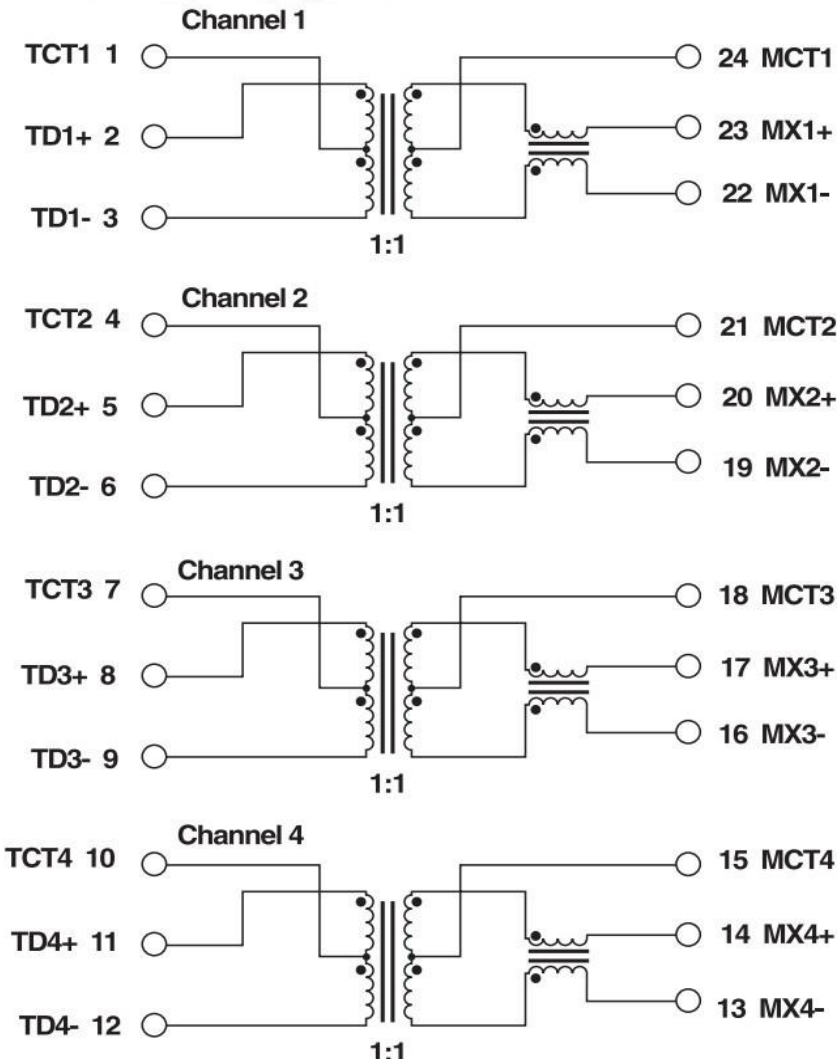


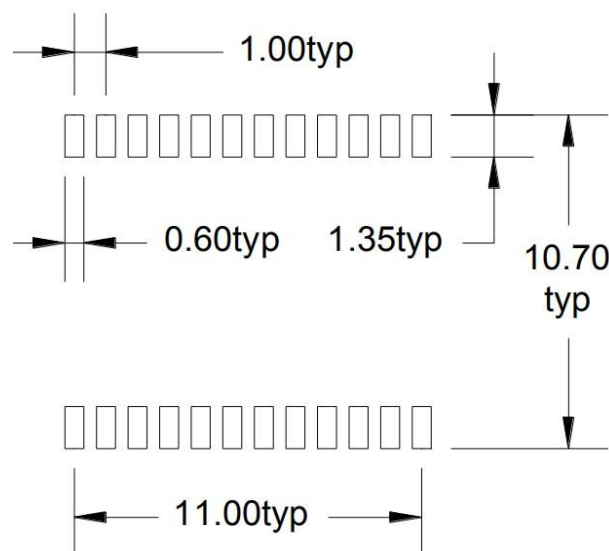
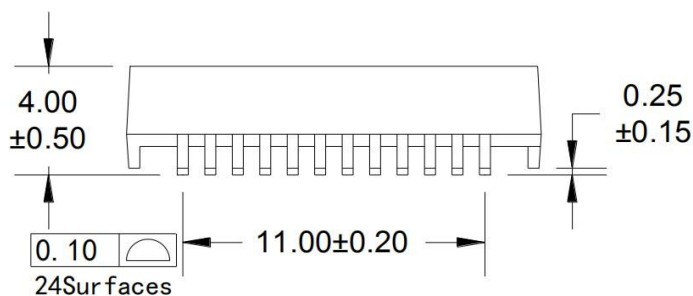
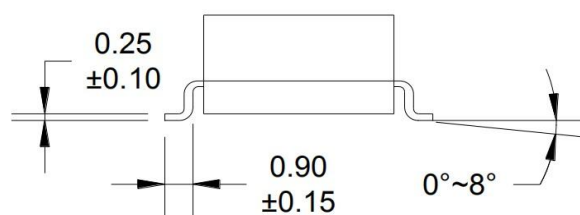
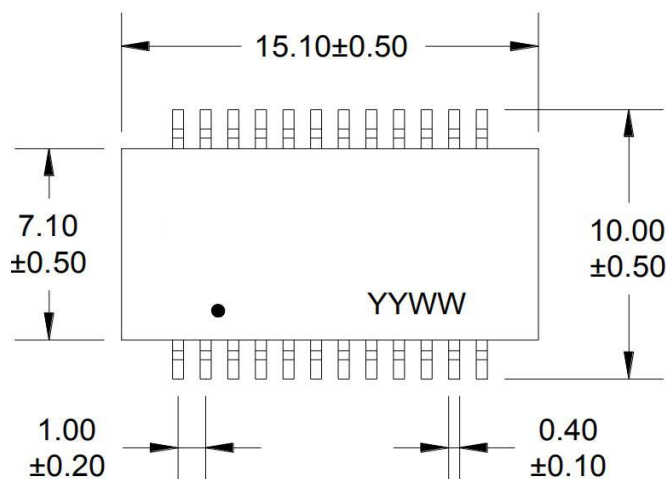
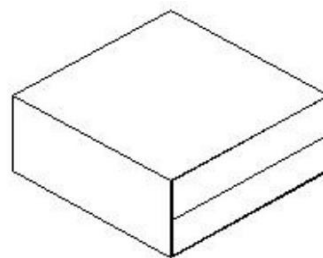
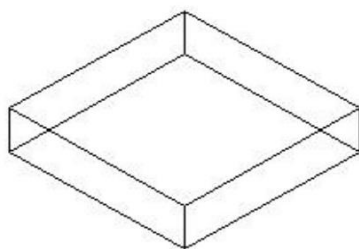
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3 standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating temperature range: 0°C to +70°C.
- Storage temperature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

Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Trun Ratio(±2%		OCL primary@100K Hz 0.1Vms 8mA	Leakage primary@10 KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
H82409S	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				CMRR(dB min)MHz		Crosstalk(dB min)MHz	Isolation Voltage(Vrms min)
		1-30	40	50	60-100	1-60	60-100		
H82409S	-1.2	-18	-14.4	-13	-12	-40	-35	-40	1500

Schematic



Mechanical:**REEL****Suggested PAD Layout**

INNER CARTON: 335(L)*335(W)*105(H)

EXPORT CARTON: 350(L)*350(W)*250(H)

1. ONE ROLL : 800PCS

2. TWO ROLL BOX : 1600PCS

3. THREE BOX CARTON : 4800PCS