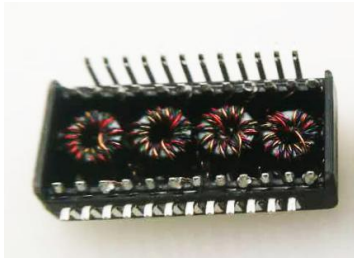


Features:

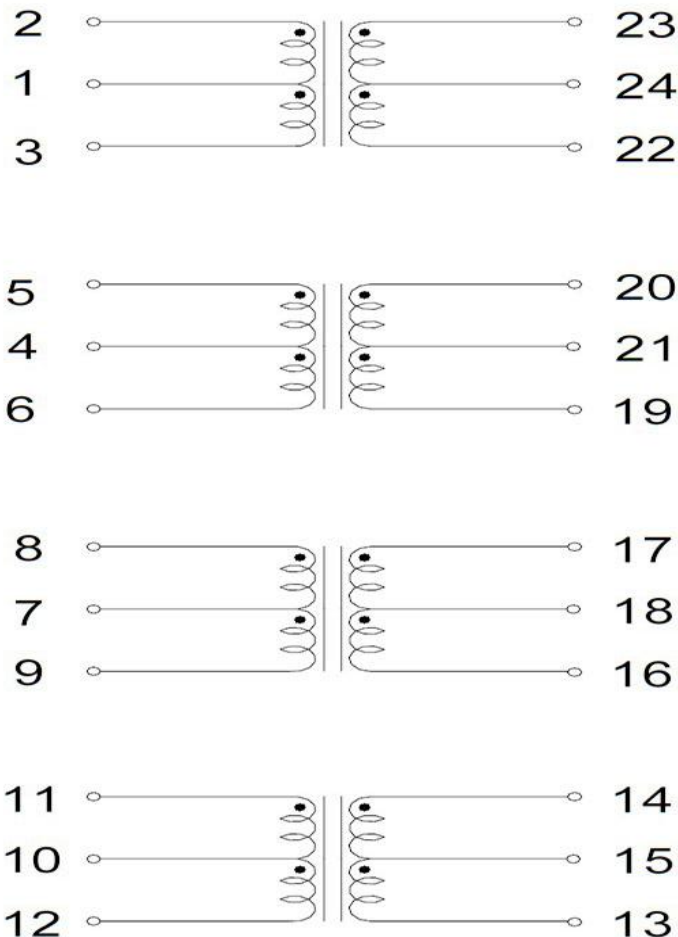


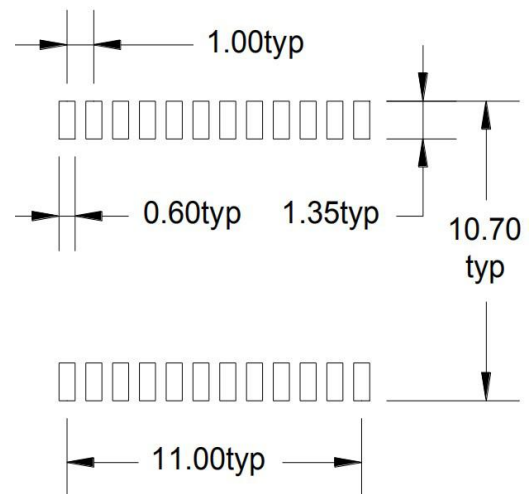
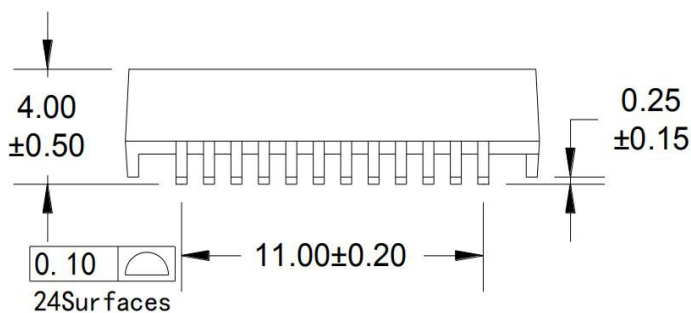
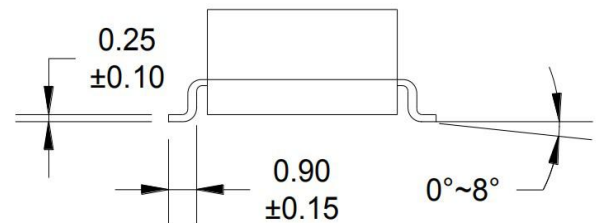
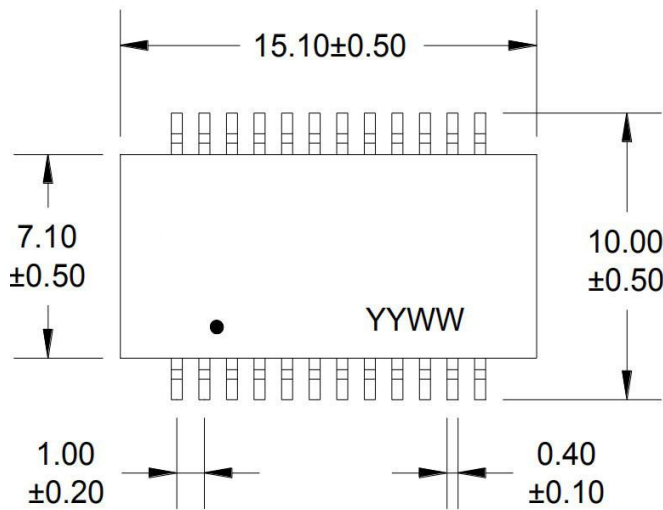
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Suitable for End-span POE applications with 500mA current capability.
- Compliance with ROHS requirements
- Operating temperature: -40°C~+85°C.
- Storage temperature range: -55°C to +125°C.

Specifications

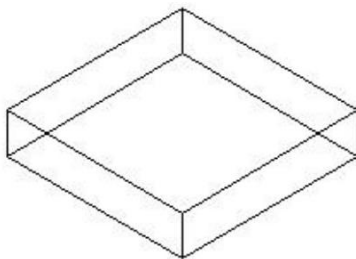
Electrical Specification@25° C Operating Temperature -40 to +85°C									
Part NO	Trun Ratio(±2%)		OCL primary@100KH z 0.1Vms 12mA	Leakage primary@10KH z 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
HX82409S	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	0.9Max	0.9Max		
Electrical Specification@25° C Operating Temperature -40 to +85°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		
HX82409S	-1.2	-18	-14.4	-13.1	-12	-40	-35	-40	1500

Schematic



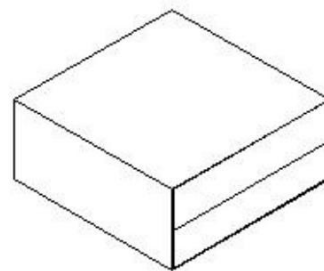
Mechanical:

Suggested PAD Layout

REEL

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