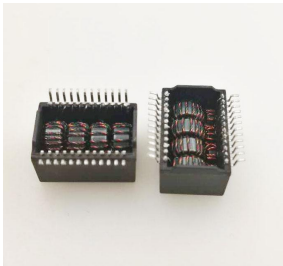


Features:

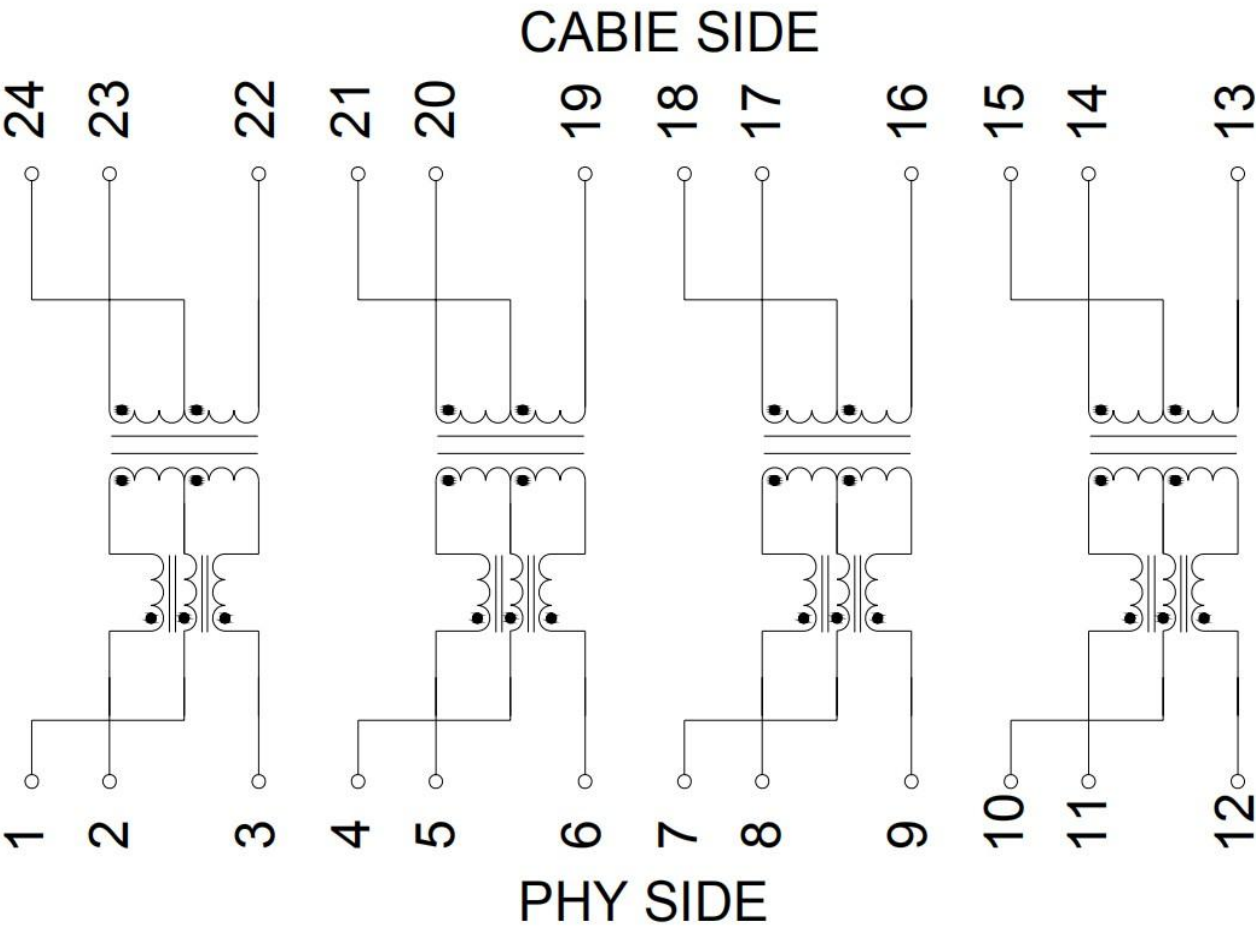


- This is a RoHS compliant component, All engineering changes must have prior approval by the design center
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE802.3bt standard for 1000 BASE-T
- Suitable for End-span POE applications with 1.2A current capability
- Operating temperature range: -40℃ to +85℃.
- Storage temperature -55+125℃ 90%RH

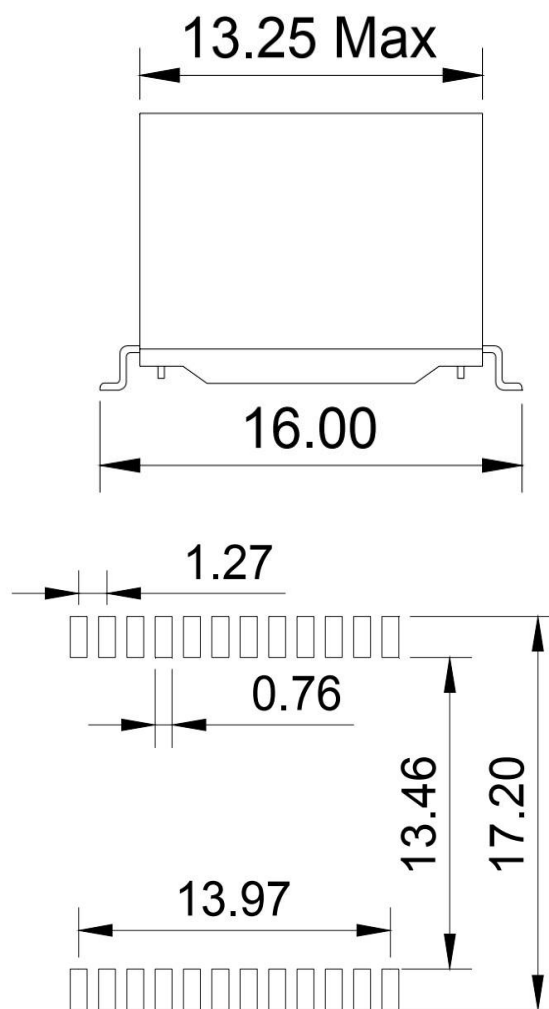
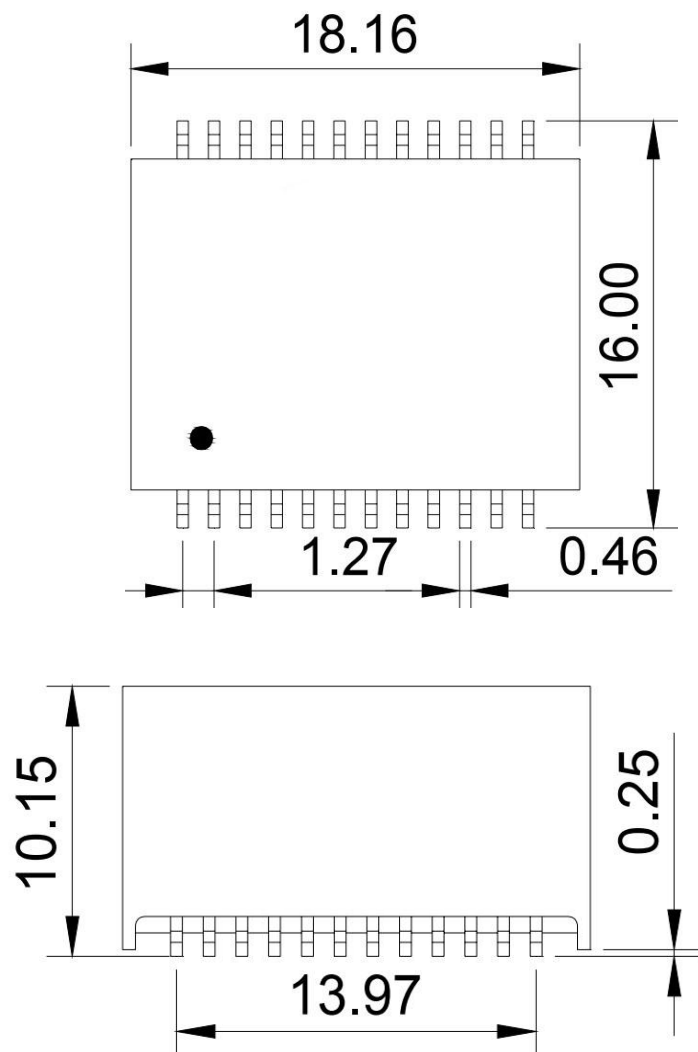
Specifications

Electrical Specification@25° C Operating Temperature -40 to +85° C									
Part NO	Trun Ratio(±2%)		OCL primary@100KHz 0.1Vms Min		Leakage primary@10K Hz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)		
	TX	RX	25mA	35mA			Primary	Secondary	
HX82463SP+	1CT:1CT	1CT:1CT	350uH	300uH	0.65uH max	45PF	0.9Max	0.7Max	
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-	1-60	60-100		
HX82463SP+	-1.5	-18	-14.4	-13	-12	-35	-30	-33	1500

Schematic

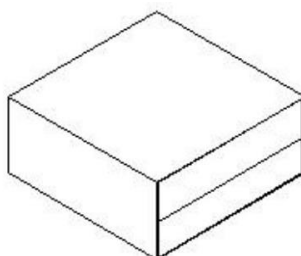
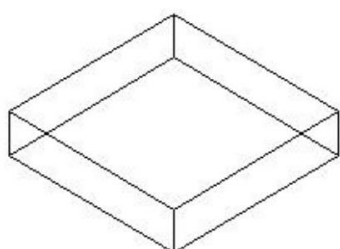


Mechanical:



SUGGESTED PAD LAYOUT

REEL



1. ONE ROLL : 200PCS
2. TWO ROLL BOX : 400PCS
3. TWO BOX CARTON : 800PCS