

1000BASE-T DUAL PORT MAGNETICS MODULES

Part NO:HX84811SP



Features:

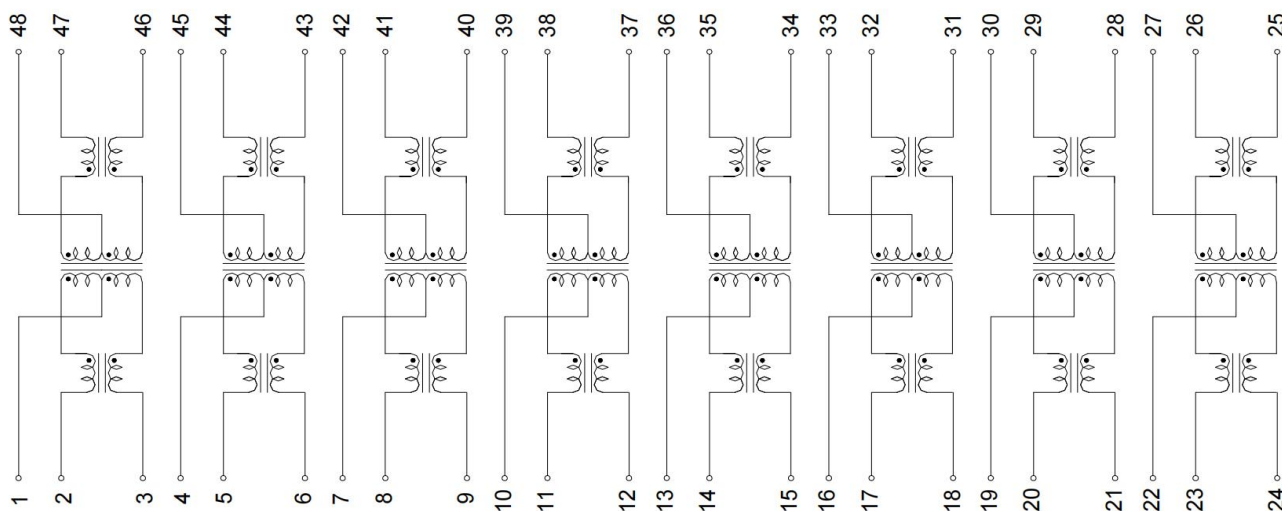


- Compliant with IEEE 802.3at standard.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Suitable for End-span PoE applications with 720mA current capability.
- Compliance with ROHS requirements
- Operating temperature range: -40°C to +85°C.
- Storage temperature range: -55°C to +125°C.

Specifications

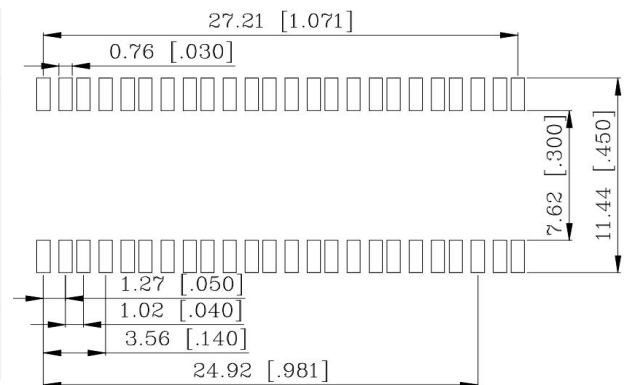
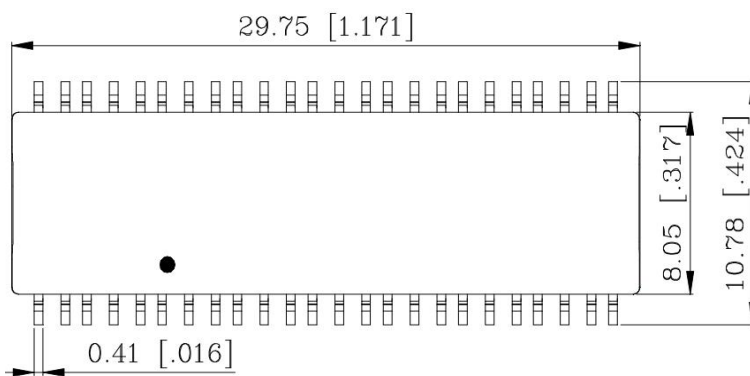
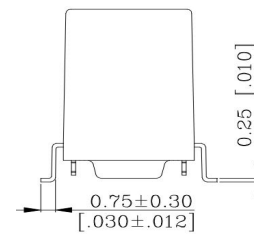
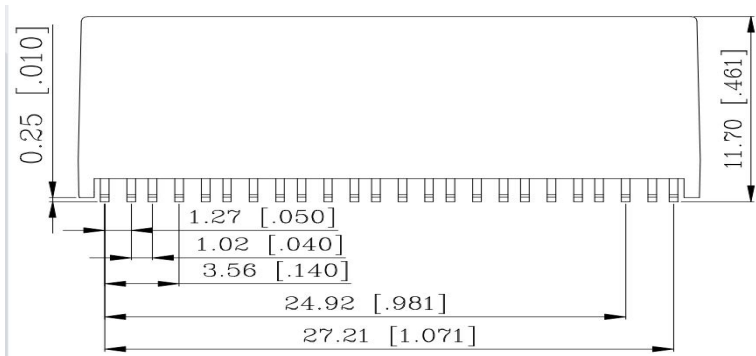
Electrical Specification@25°C Operating Temperature-40°C to +85°C									
Part NO	Trun Ratio(±3%)		OCL primary@100KHz 0.1Vms 8MA	Leakage primary@10KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
HX84811SP	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	0.9Max	1.2Max		
Electrical Specification@25°C Operating Temperature-40°C 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	60-80	1-60	60-100		
HX84811SP	-1.0	-18	-14.4	-13.1	-12	-40	-35	-40	1500

Schematic



100/1000BASE-TX TRANSFORMER MODULES

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HQST ELECTRONICS CO., LTD.

<https://18673625585.1688.com/>

TEL: 0736-2537837 18673625805

18673625585 (盛生)