

10/100/1000BASE-TX TRANSFORMER MODULES

Part NO:HM82401S



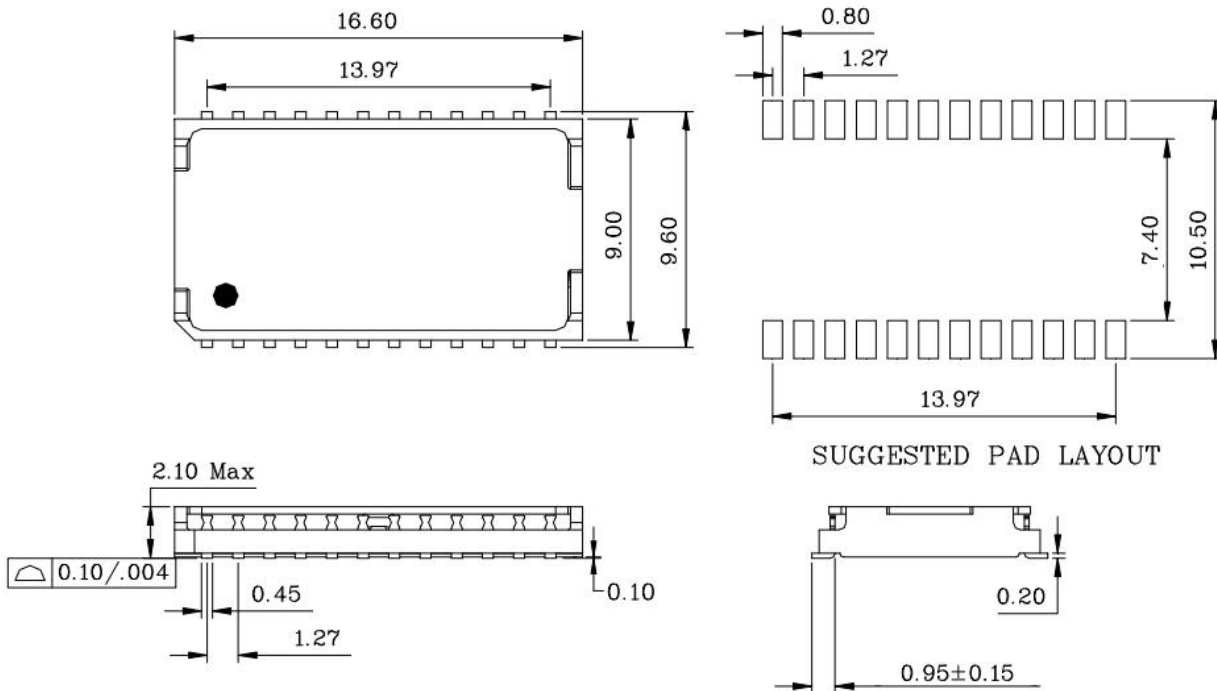
Features:

- Meets IEEE 802.3af and ANSI X3.263 standards
- Suitable For End-span PoE Applications with 350mA current Capability
- RoHS Compliant
- 10/100/1000 Base-T, Surface Mount Type, Open Header
- Operating temperature range: 0°C to +70°C
- Storage temperature range: -25°C to +125°C

Specifications

Electrical Specifications @ 25°C					
Part Number	OCL(uH min) @100KHz/0.1V	Turns Ratio	Cross talk (dB min)		HI-POT
		(±5%)	0.5-40MHz	40.1-100MHz	(V AC)
HM82401S	350	1CT:1CT	-35	-33-20*LOG(f/50)	1500
continue					
Part Number	Insertion Loss	Return Loss		CMRR	
	(dB max)	(dB min)		(dB min)	
	0.5-100MHz	0.5-40MHz	40.1-100MHz	0.5-100MHz	
HM82401S	-1.1	-18	12+20 log(f/80)	-30	

Schematic



HQST ELECTRONICS CO., LTD.

<https://shop104373926.taobao.com/>

石门盈盛电子科技有限公司

TEL:0755-21083343 18673625585

www.wangluobianyaqi.cn

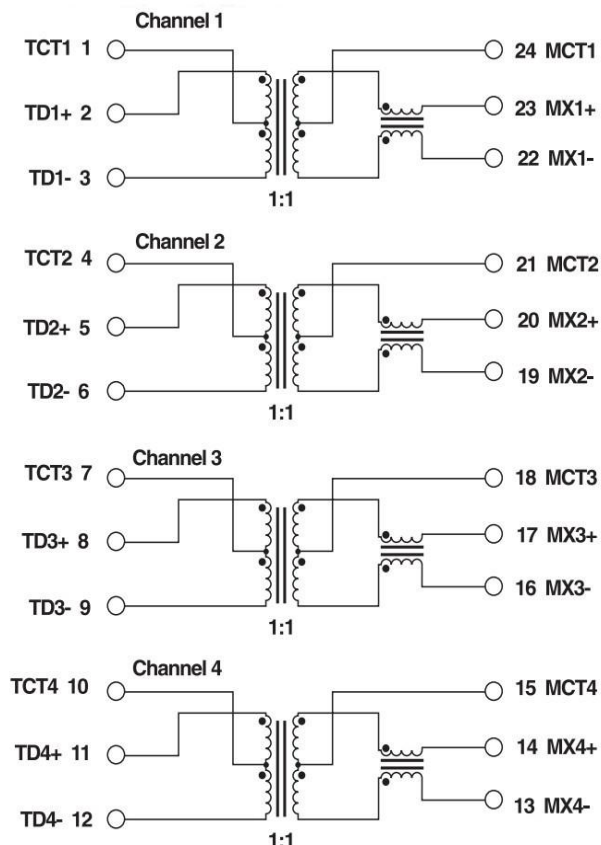
E-mail:hqst008@163.com

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Mechanical:



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