

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H82426S



Features:

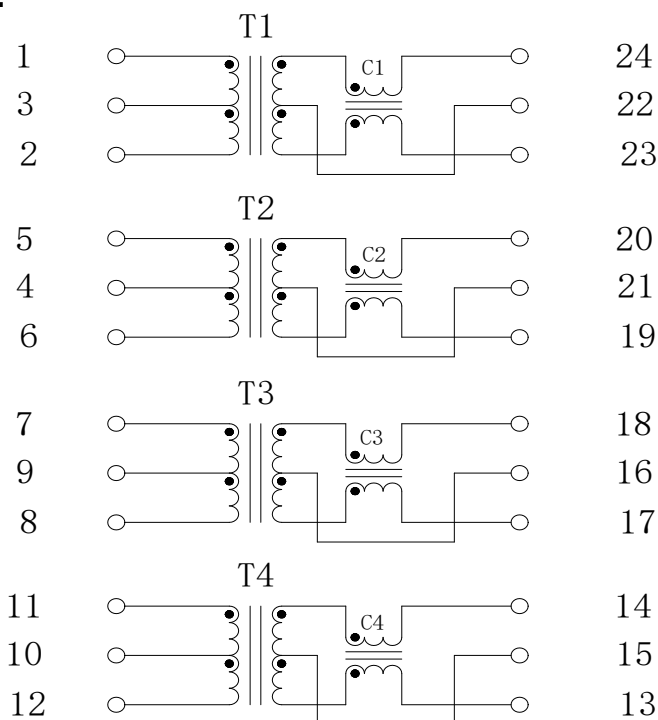
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3 standard for 1000 BASE-T.
- Compliance with ROHS requirements
- Operating temperature range: 0°C to +70°C.
- Storage temperature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

Specifications

Electrical Specification@25° C Operating Temperature 0 to +70° C									
Part NO	Trun Ratio(±2%		OCL primary@100KHz 0.1Vms 8mA	Leakage primary@100KHz 0.1Vms	Cww(Pri:Sec)	DCR(Ω)			
	TX	RX				Primary	Secondary		
H82426S	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	1Max	0.9Max		

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	60-80	100	1-60	60-100	1-100	
H82426S	1.1	-18	-14	-13	-12	-10	-40	-35	-40	1500

SCHEMATICS:



HQST ELECTRONICS CO., LTD.

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

石门盈盛电子科技有限公司

TEL:0755-21083343 18673625585

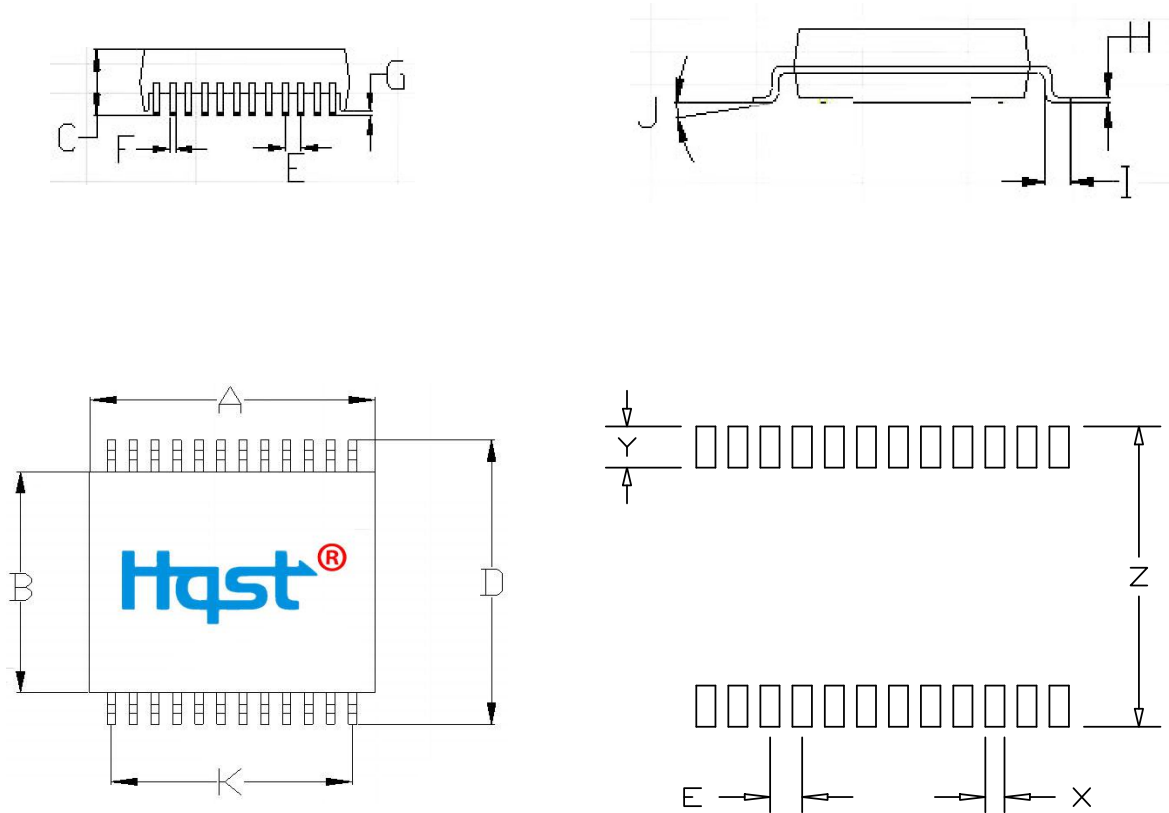
www.wangluobianyaoqi.cn

E-mail:hqst008@163.com

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MECHANICAL DIMENSIONS:



Unless otherwise specified, all tolerances are mm(inch) $\pm 0.25(0.010)$

UNIT: mm/inch

A=	13.05	/	0.514
B=	12.50	/	0.492
C=	3.68	/	0.145
D=	14.80	/	0.583
E=	1.00	/	0.039 Typ
F=	0.38	/	0.015 Typ
G=	0.25	/	0.01 Typ
H=	0.25	/	0.01 Typ
I=	0.80		0.031 Typ
J=	0~8°		
K=	11.00	/	0.433 Typ

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