

100/1000 BASE-TX TRANSFORMER MODULES

Part NO:HX83601D



Features:

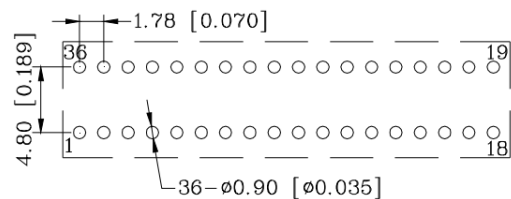
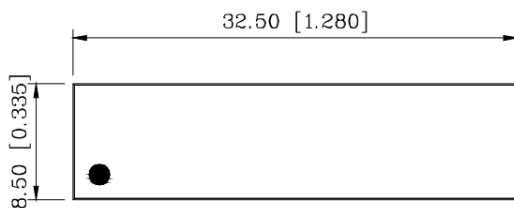
- Meets IEEE802.3 and ANSI X3.263 standards
- RoHS Compliant
- PASS surge 7KV (differential mode)
- 100/1000Base-T, Surface Mount Type, Open Header
- Operating temperature range:-40°C to +85°C
- Storage temperature range:-55°C to +125°C

Specifications

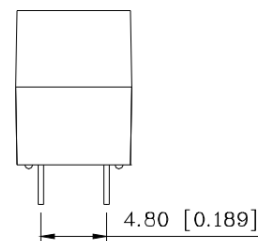
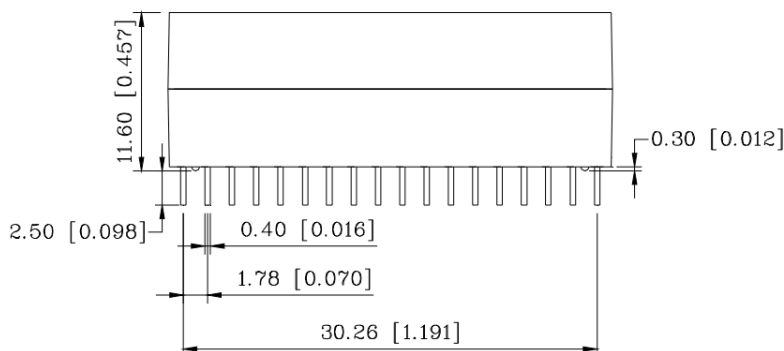
Electrical Specification@25° C Operating Temperature -40 to +85° C									
Part NO	Trun Ratio(±2%)		OCL primary@1 00KHz 0.1Vms 8mA	Leakage primary@1 0K Hz 0.1Vms	C _{ww} (Pri:Sec)	Insertion loss(dB max) 1-100MHz	D.C.R	CMRR(dB Min)	
	TX	RX						1-60MHz	60-100MHz
HX83601D	1CT:1CT	1CT:1CT	350uH	0.5uH max	96PF	-1.1	0.9 Max	-40	-35

Electrical Specification@25° C Operating Temperature -40 to +85° C							
Part NO	Return Loss(dB min)MHz					Cross talk(dB min)MHz 1-100MHz	Hi-Pot 1500V
	1-30MHz	40MHz	50MHz	60-80MHz	100MHz		
HX83601D	-18	-16	-14.08	-12.5	-10	-40	1500V

Mechanical:



SUGGESTED PAD LAYOUT



HQST ELECTRONICS CO., LTD.

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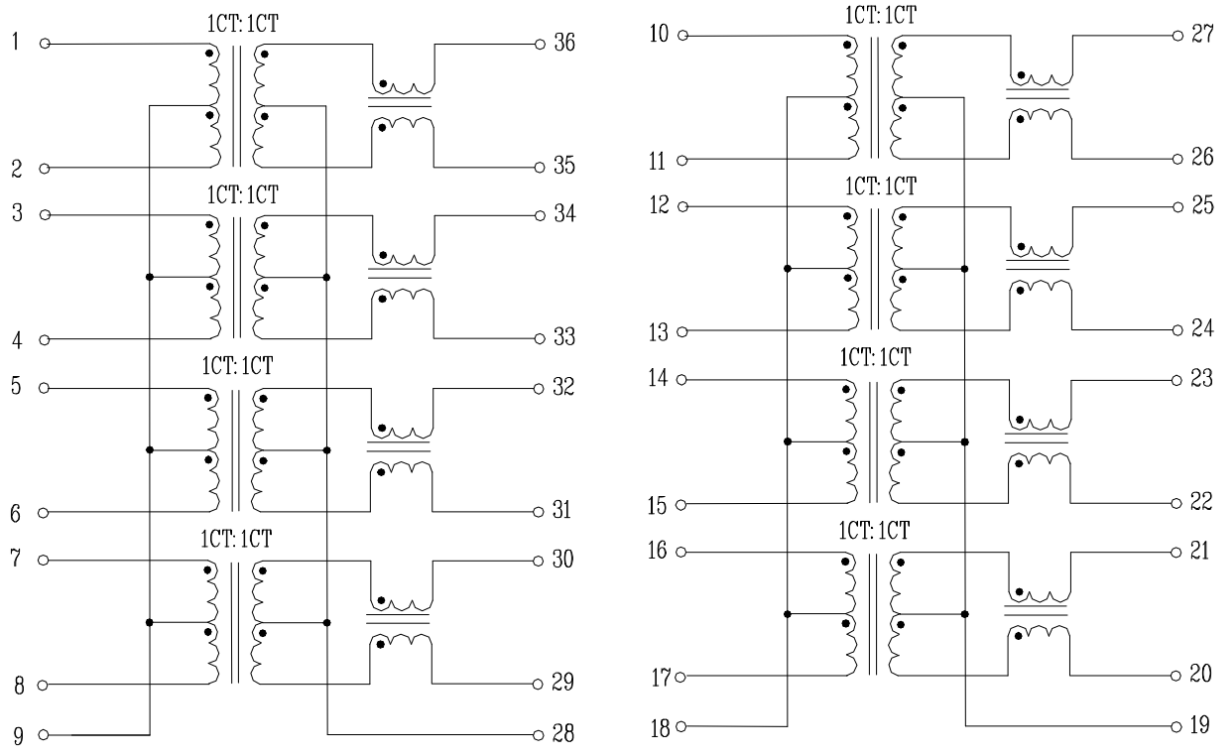
石门盈盛电子科技有限公司

TEL:0755-21083343 18673625585

<http://wangluobianyaqi.cn/>

E-mail:hqst008@163.com

Schematic



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