

10/100 BASE-TX TRANSFORMER MODULES

Part NO:HX81630SG-2



Features:

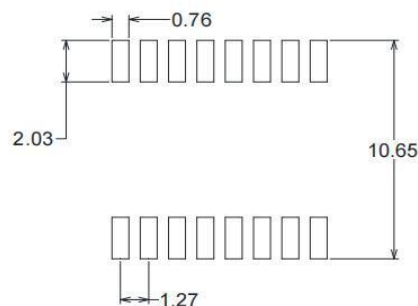
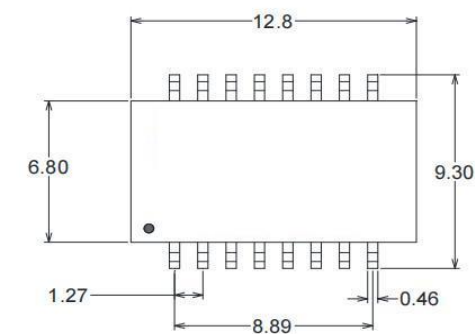
- Meets IEEE802.3 and ANSI X3.263 standards
- RoHS Compliant
- 10/100 Base-T, Surface Mount Type, Open Header
- Pass 7KV surge
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -55°C to +125°C

Specifications

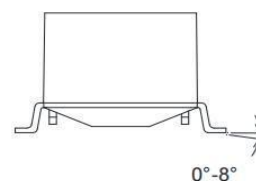
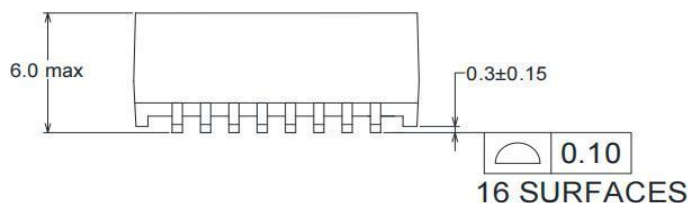
Electrical Specification@25° C Operating Temperature - 40to +85° C						
Part NO	Trun Ratio(±2%)		OCL primary@1 00KHz 0.1Vms 8mA	Insertion loss(dB max)	D.C.R	CMRR(dB Min)
	TX	RX		0.5-100MHz		0.5-100MHz
HX81630SG-2	1CT:1CT	1CT:1CT	350uH	-1.1	0.9 Max	-30

Electrical Specification@25° C Operating Temperature - 40to +85° C					
Part NO	Return Loss(dB min)MHz		Cross talk(dB min)MHz		Hi-Pot
	0.5-40MHz	40.1-80MHz	0.5-40MHz	40.1-100MHz	
HX81630SG-2	-18	-12	-35	-33- 20*LOG(F/50)	3500Vrms

Mechanical:



SUGGESTED PAD LAYOUT



Unless otherwise specified all tolerances are: ±0.25

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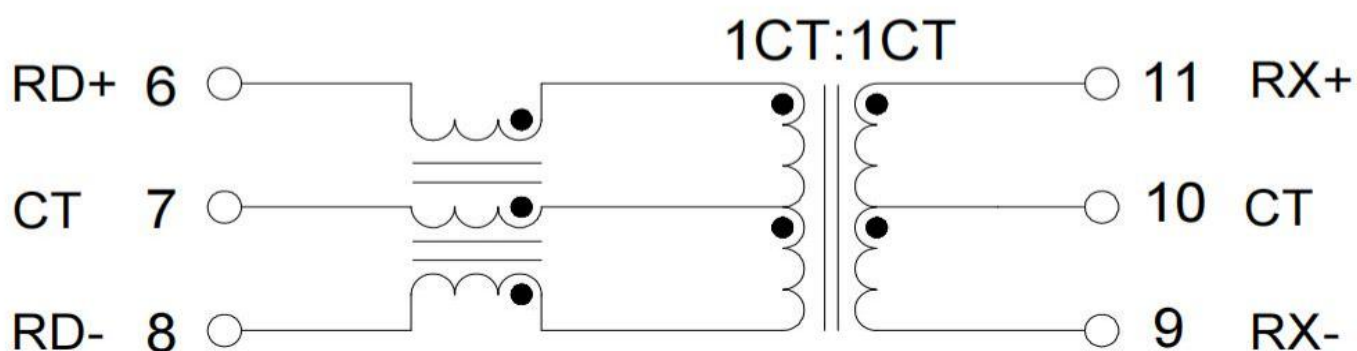
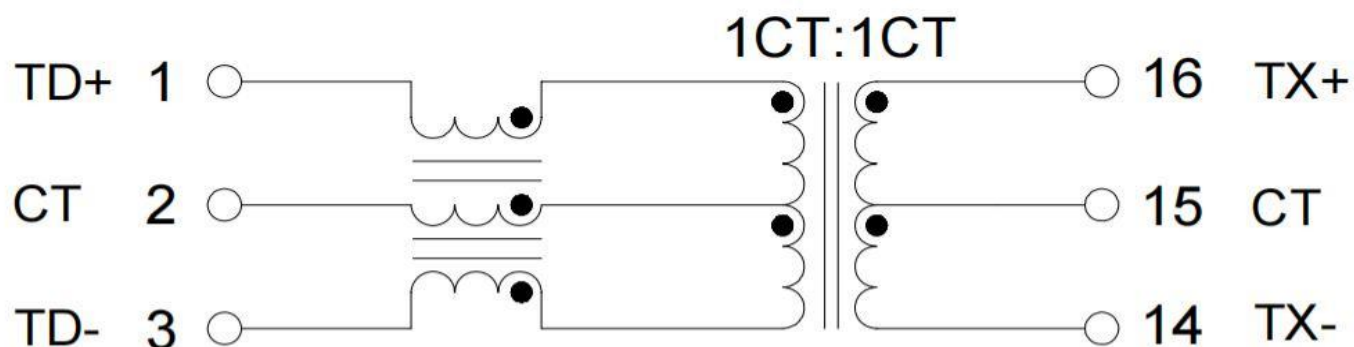
石门盈盛电子科技有限公司

TEL:0755-21083343 18673625585

<http://wangluobianyaoqi.cn/>

E-mail:hqst008@163.com

Schematic



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