

Features:

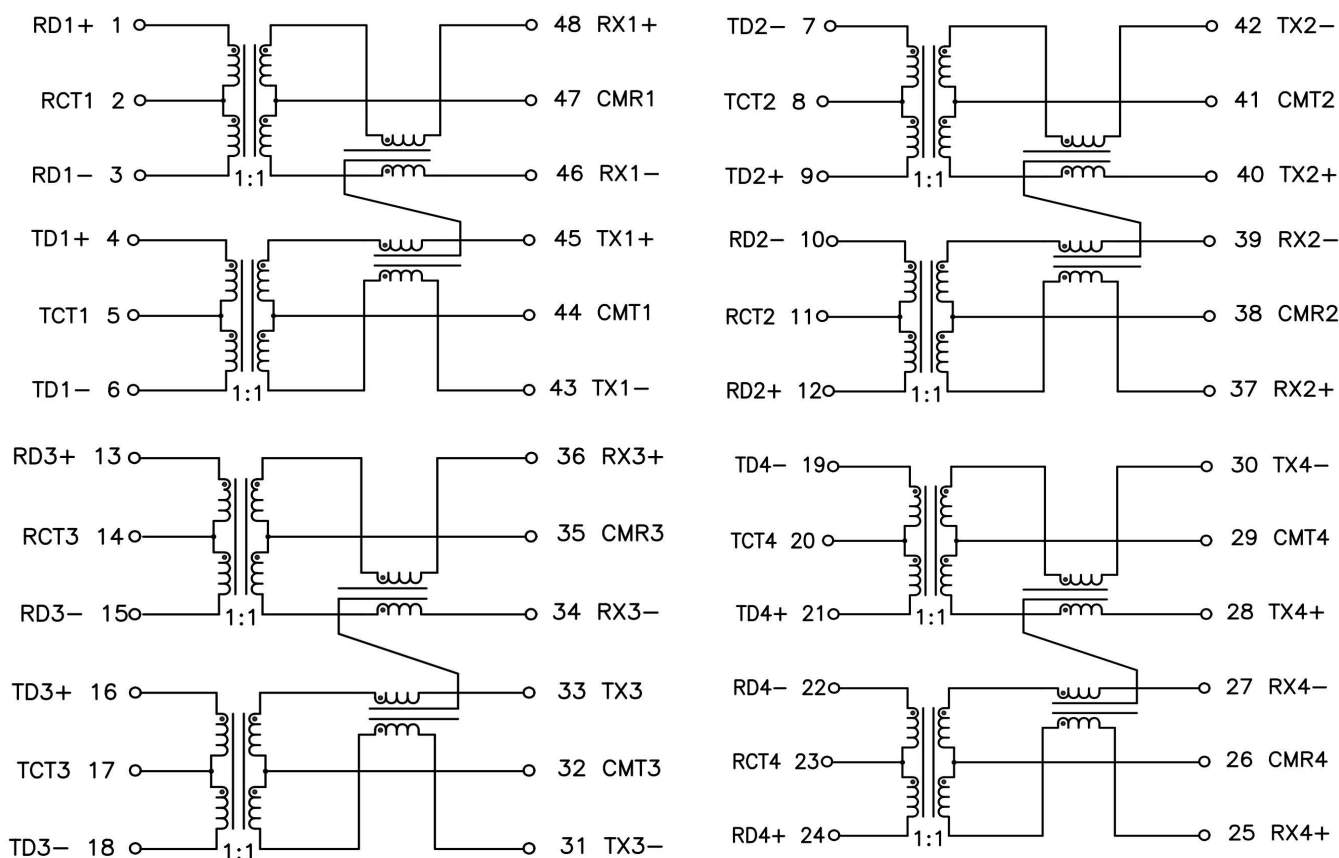
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3at standard for 1000BASE-T.
- Suitable for End-span POE applications with 720+mA current capability.
- Compliance with ROHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: -10°C to +85°C.

Specifications

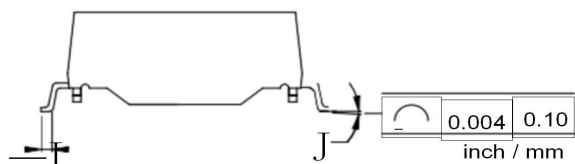
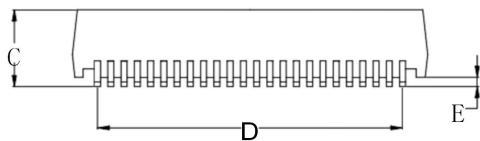
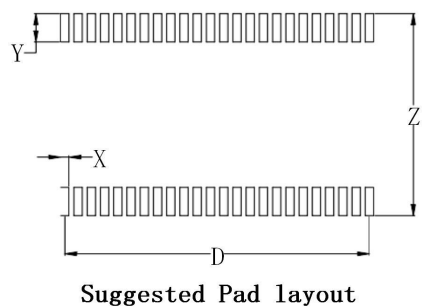
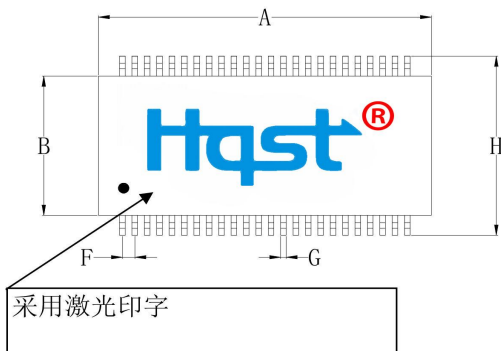
Electrical Specification @ 25° C Operating Temperature 0 to +70° C							
Part NO	Turn Ratio (±2%)		OCL primary @ 100K Hz 0.1Vms 8MA	Leakage primary @ 10 KHz 0.1Vms	Cww(Pri:Sec)	DCR (Ω)	
	TX	RX				Primary	Secondary
H84805SP	1CT:1CT	1CT:1CT	350uH Min	0.5uH max	35PF	0.9Max	1.2Max

Electrical Specification @ 25° C Operating Temperature 0 to +70° C					
Part NO	Insertion loss (dB max) 0.5-100MHz	Return Loss (dB min) MHz		CMRR (dB min) MHz	Crosstalk (dB min) MHz
		0.5-40	40.1-100	0.5-100	0.5-40
H84805SP	-1.1	18	-12	-30	-35

Schematic



Mechanical:



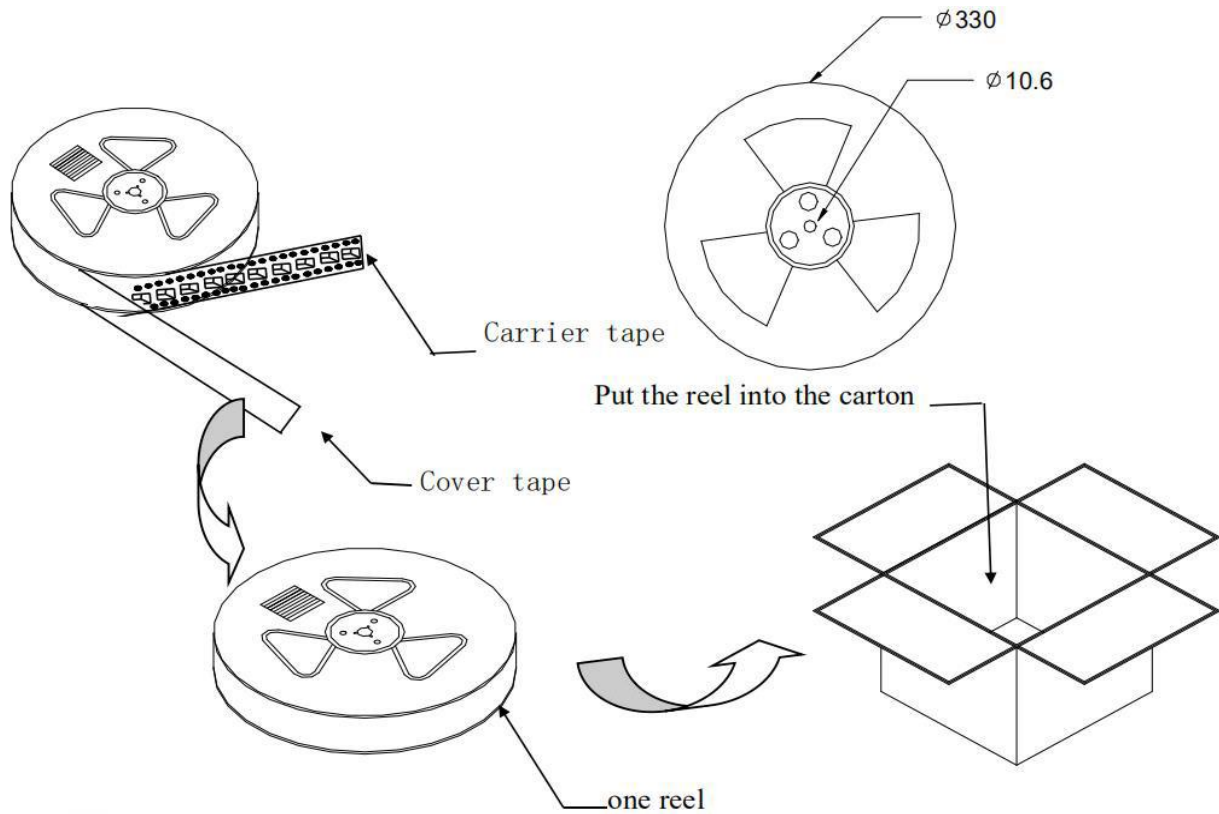
DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	27.70	28.05	1.093	1.112
B	11.95	12.45	0.470	0.490
C	7.50 (max)		0.295 (max)	
D	23.46(Typical)		0.924(Typical)	
E	0.15	0.45	0.006	0.018
F	1.02(Typical)		0.040(Typical)	
G	0.38(Typical)		0.015(Typical)	
H	15.05	15.55	0.593	0.612
I	0.9(Typical)		0.035(Typical)	
J	0°	8°	0°	8°
X	0.64(Typical)		0.025(Typical)	
Y	2.34(Typical)		0.092(Typical)	
Z	16.44(Typical)		0.647 (typical)	

100/1000BASE-TX TRANSFORMER MODULES

Part NO:H84805SP



REEL



Package Q'ty:

MSL LEVEL: 3

1. 350 units/reel
2. 5reel/carton
3. 1750 units/carton

HQST ELECTRONICS CO., LTD.

<https://shop104373926.taobao.com/>
石门盈盛电子科技有限公司

TEL: 18673625585 18673625805
www.wangluobianyaqi.cn
E-mail:hqst008@163.com