

100/1000BASE-TXTRANSFORMERMODULES

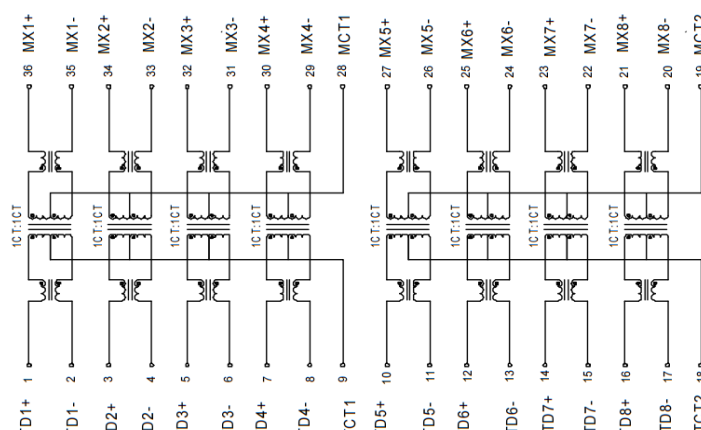
PartNO:H83603D

Feature:

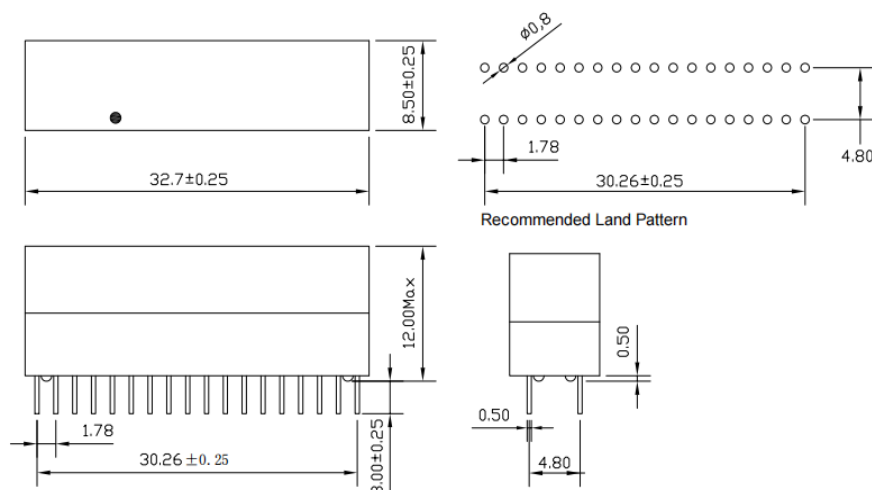
- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 100 BASE-T.
- Compliance with ROHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature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

Electrical Specifications @ 25°C									
Part Number	Turns Ratio (± 5%)		OCL (µH Min) @100KHz/0.1V With 8mA DC Bias		Cross talk Attenuation (dB Min)			HI-POT (Vrms)	
	TX	RX			30MHz	60MHz	100MHz		
H83603D	1CT:1CT	1CT:1CT	350		-40	-35	-30	1500	
Continue									
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ Load 100Ω					DCMR (dB Min)		
	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz
H83603D	-1.1	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Schematic:



Mechanical:



Note: 1、Dimension: mm

2、Unless otherwise specified,all tolerances are: $\pm 0.05\text{mm}$