

100/1000BASE-TXTRANSFORMERMODULES

PartNO:H83602D



Feature:

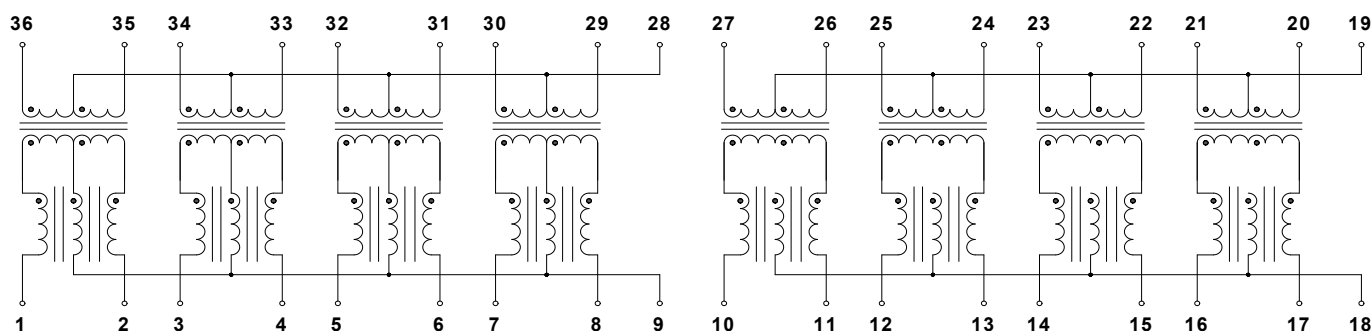


- Designed for Ethernet 100/1000 BASE-T.
- Supports 8 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3ab standard for 100 BASE-T.
- Compliance with ROHS requirements.
- Operating temperature range: 0°C to +70°C.
- Storage temperature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

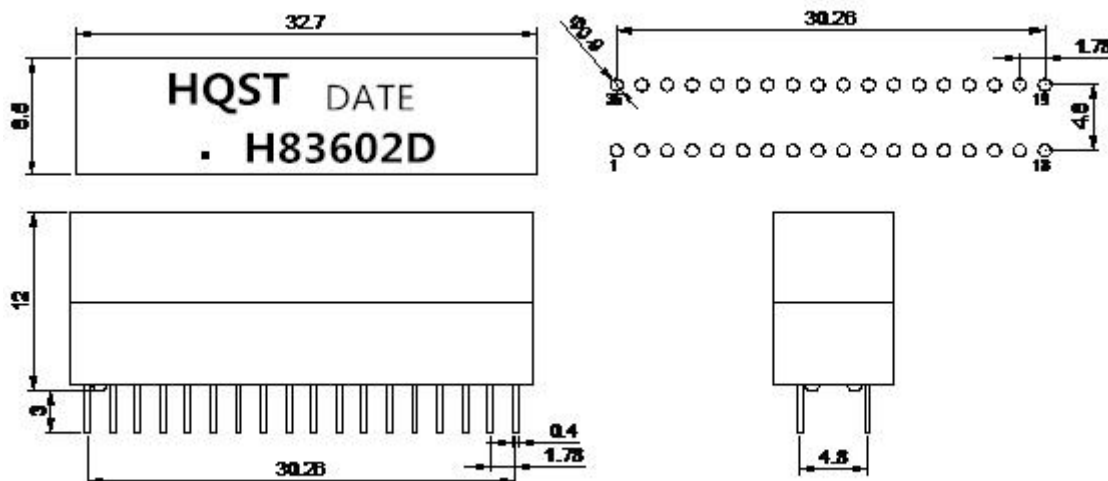
Electrical Specifications @ 25°C

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			
H83602D	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
H83602D	-1.1	-18	-14.4	-13.1	-12	-10	-40	-35	-30

Schematic:



Mechanical:



Dimensions unit: mm
Unless otherwise specified all tolerances are ± 0.25