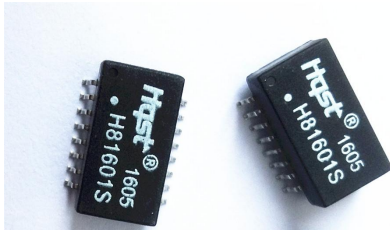


# MODEL: H81601S



## 10/100BASE-Tx Transformer

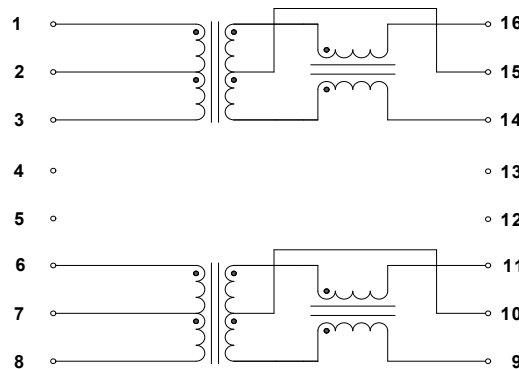
### Feature:



- Designed for Ethernet 10/100 BASE-T.
- Supports 2 pairs of category 5 UTP cable.
- Cable interface for isolation and low common mode emissions.
- Compliant with IEEE 802.3u 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 ( $\pm 5\%$ )		OCL ( $\mu\text{H Min}$ ) @100KHz/0.1V With 8mA DC Bias	Cross talk Attenuation (dB Min)			HI-POT (Vrms)
	TX	RX		30MHz	60MHz	100MHz	
H81601S	1CT:1CT	1CT:1CT	350	-40	-35	-30	1500
Continue							
Part Number	Insertion Loss (dB Max)	Return Loss (dB Min) @ Load 100 $\Omega$			DCMR (dB Min)		
	1-100MHz	1-30MHz	60MHz	80MHz	30MHz	60MHz	100MHz
H81601S	-1.1	-16	-12	-10	-40	-35	-30

### Schematic:



### Mechanical:

