

100/1000 BASE-T Ethernet Isolation Transformer

NO: S16503PW



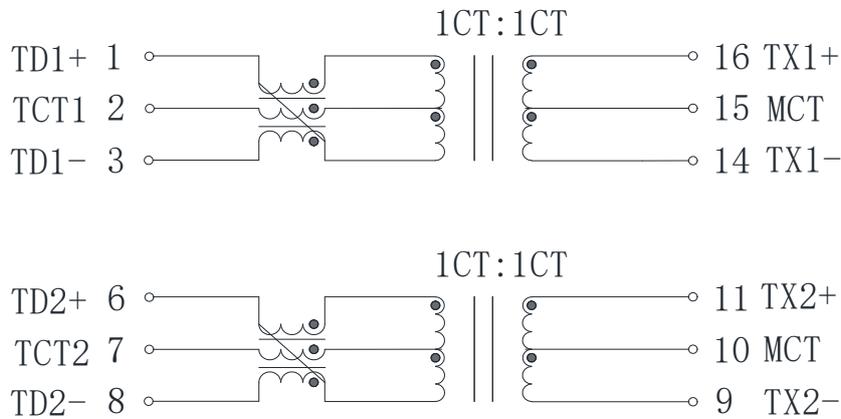
Feature:

- ◆ Meets IEEE 802.3 standards
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: -40°C~+85°C
- ◆ Storage temperature range: 0°C to + 125°C.
- ◆ 600mA MAXIMUM@57VDC(CONTINUOUS)

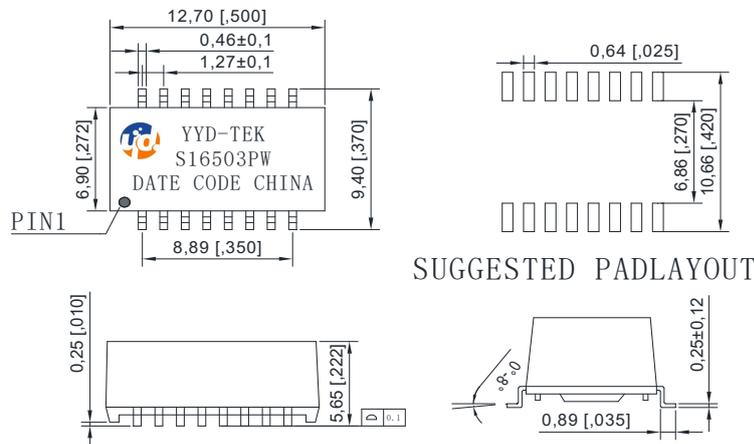
Electrical Specification @25°C

Inductance:	350uH Min. @100KHz/0.1V 8mA DC Bias		
Hi-POT :	1500VAC/1Sec/1mA		
Leakage inductance:	0.5uH Max. @100KHz/0.1V		
C.W.W.	30pF Max. @100KHz/0.1V		
D.C.R:	1.2Ωmax		
Turn Ratio:	1CT:1CT±2%		
Insertion Loss:	-1.0dB Max.@1-100MHz:	-1.5dB Max.@100-125MHz:	
Return Loss:	1-30MHz	30-60 MHz	60-100MHz
	-16dB Min.	-12dB Min.	-10dB Min.
D.C.M.R :	-30dBMin.@1-100MHz		
Cross Talk :	-35dBMin.@1-100MHz	-30dBMin.@100-125MHz	-25dBMin@100-200MHz

Schematic:



Mechanical:



Dimension:mm

Unless otherwise specified, all tolerance are±0.25