

100/1000 BASE-T Ethernet Isolation Transformer

NO: S16503PWW



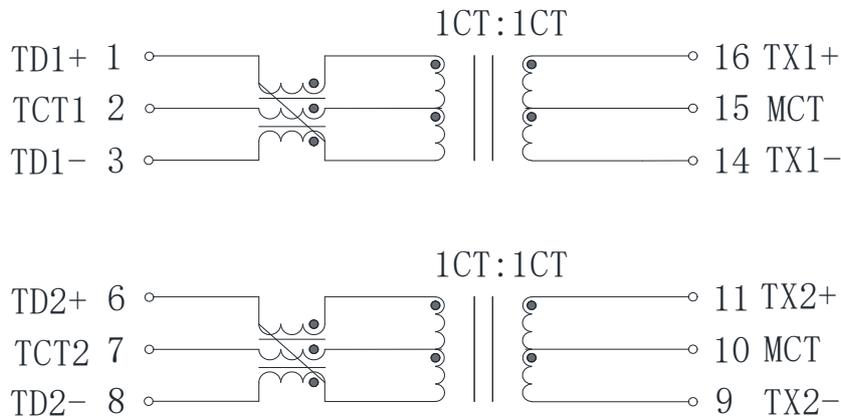
Feature:

- ◆ Meets IEEE 802.3 standards
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: -40°C~+125°C
- ◆ Storage temperature range: - 4 0 °C to + 125°C.
- ◆ Suitable for End-span PoE application with 720mA current capability

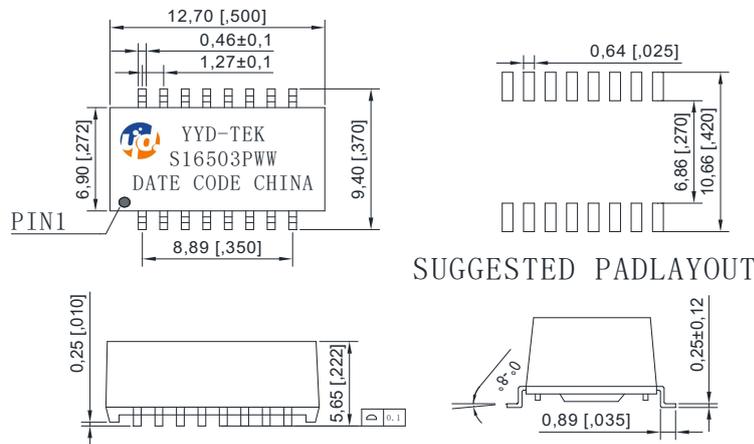
Electrical Specification @25°C

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:	-1.10dB Max.@ 1-100MHz		
Return Loss:	130MHz	30-60 MHz	60-100MHz
	-16dB Min.	-12dB Min.	-10dB Min.
D.C.M.R :	-30dBMin.@1-100MHz		
Cross Talk :	-30dBMin@1-100MHz		

Schematic:



Mechanical:



Dimension:mm

Unless otherwise specified, all tolerance are±0.25