

100/1000/ BASE-T Ethernet Isolation Transformer

NO: S24102



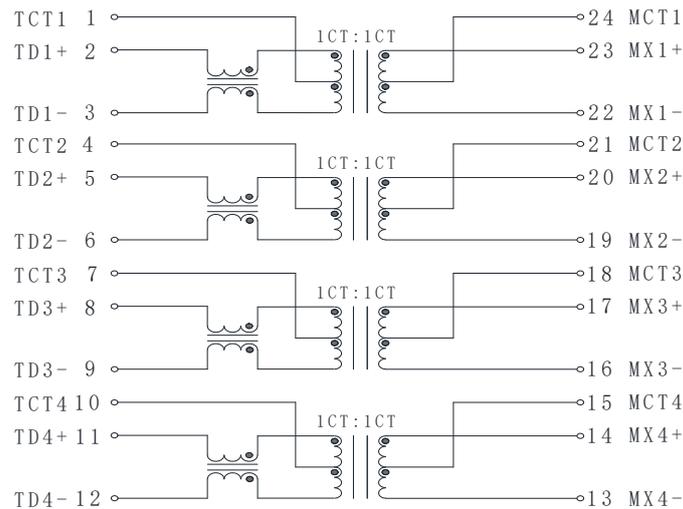
Feature:

- ◆ Compliant with IEEE 802.3 standard
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range:-25°C to + 120°C.

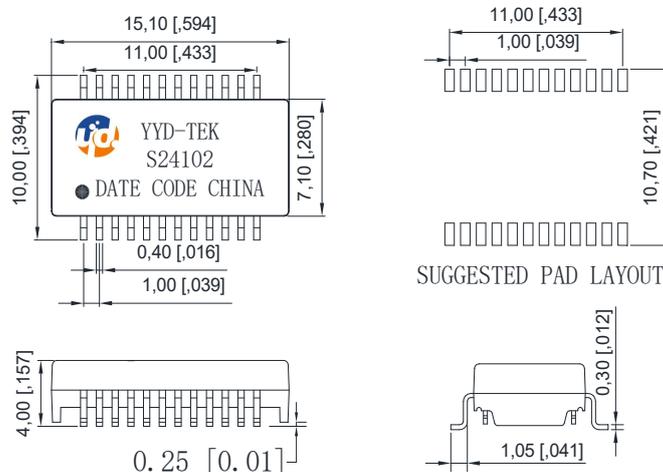
Electrical Specification @25°C

Inductance:	350 uH Min. @ 100 KHz, 100mV 8mA DC Bias			
Hi-POT :	1500Vrms 1mA 1Second			
Turn Ratio:	1CT:1CT±3%			
Cw/w:	28pF Max			
Insertion Loss:	-1dB Max. @1MHz ~100MHz			
RETURN LOSS(RL) (Z out=100 OHM)	1-30MHz	50 MHz	6-80MHz	100MHz
	-18dB Min.	-14dB Min.	-12dB Min.	-10MHz
Cross Talk:	1-30MHz	30-60MHz	60-100MHz	
	-40dBMin.	-35dBMin.	-30dBMin.	
CMRR	1-30MHz	30-60MHz	60-100MHz	
	-40dBMin.	-35dBMin.	-30dBMin.	

Schematic:



Mechanical:



Units:mm[Inches] Tolerances:xx.x0±0.25[0.010]

0.xx±0.05[0.002]