

100/1000 BASE-T Ethernet Isolation Transformer

NO: S48101



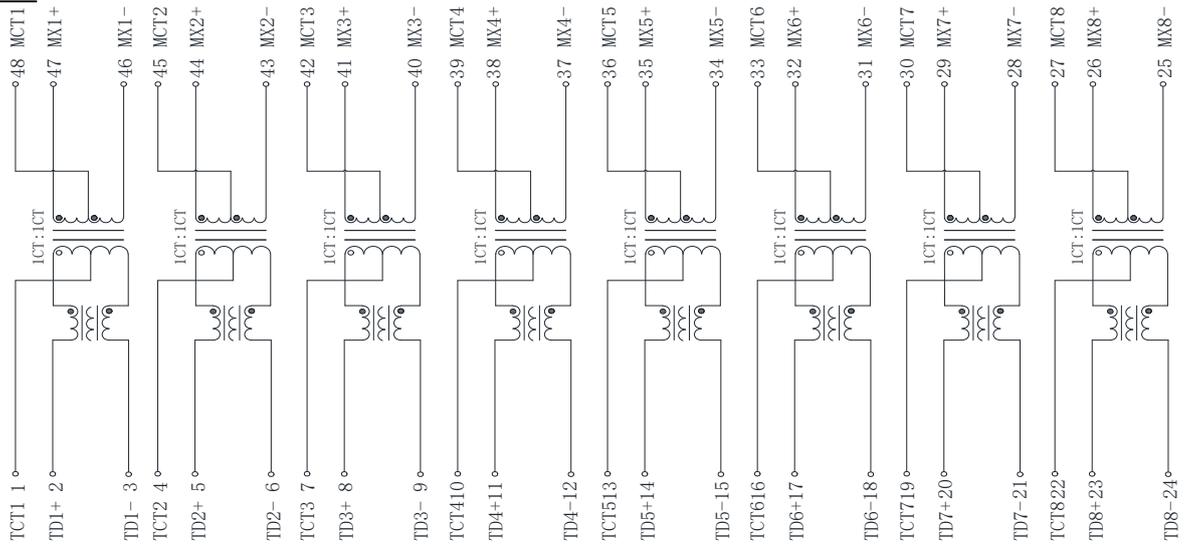
Feature:

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

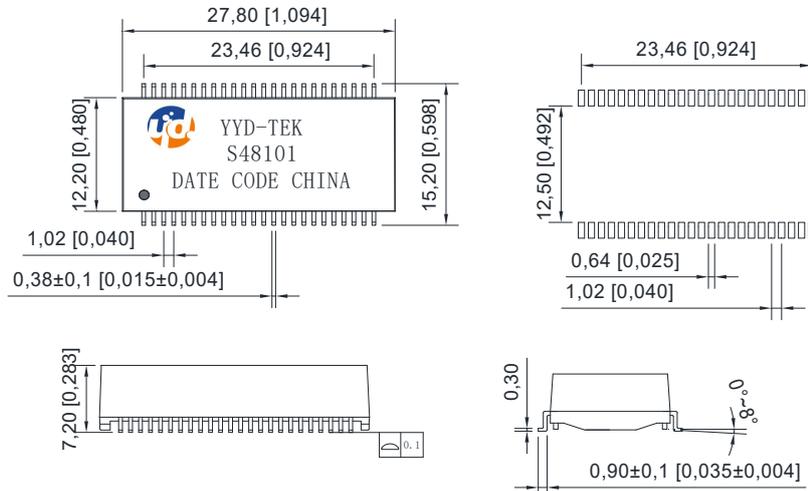
Electrical Specification @25°C

Inductance:	350 uH Min. @ 100 KHz, 100mV 8mA DC Bias			
Hi-POT :	1500Vrms 1mA 1Second			
Turn Ratio:	1CT:1CT±3%			
D.C.R	1.2ohm Max			
Cw/w:	35pF Max			
Insertion Loss:	-1dB Max. @1MHz ~100MHz			
RETURN LOSS(RL) (Z out=100 OHM)	1-40MHz	60 MHz	80MHz	100MHz
	-16dB Min.	-14.4dB Min.	-12dB Min.	-10dB Min.
Cross Talk:	1MHz-100MHz@-30dB Min.			
DCMR	1MHz-100MHz@-30dB Min.			

Schematic:



Mechanical:



Units:mm[Inches] Tolerances:xx. x0±0.25[0.010]
0. xx±0.05[0.002]