

100/1000/ BASE-T Ethernet Isolation Transformer

NO: S48201P



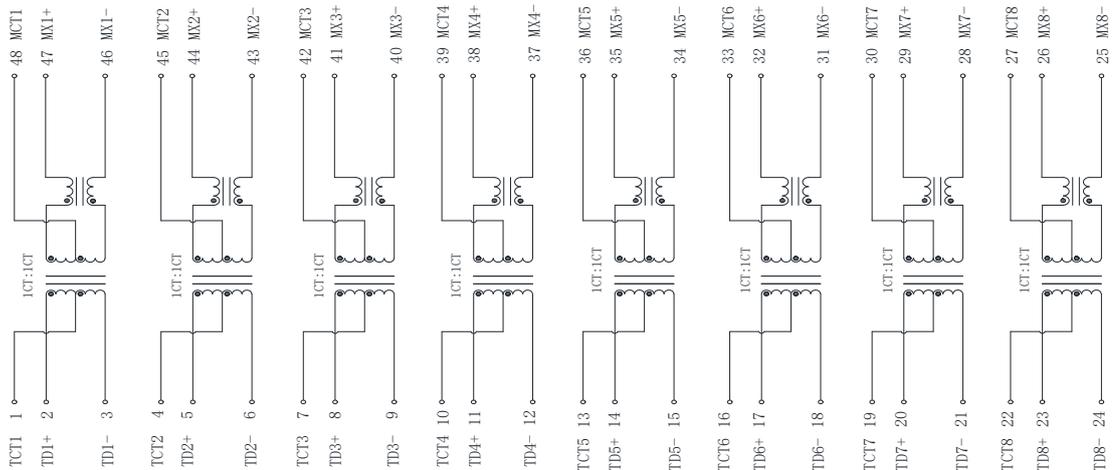
Feature:

- ◆ Compliant with IEEE 802.3 standard
- ◆ Suitable For End-span and Mid-span POE+ Applications 720mA Current Capacity Per POE Port
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: -0°C ~ +70°C
- ◆ Storage temperature range: -25°C to + 120°C.

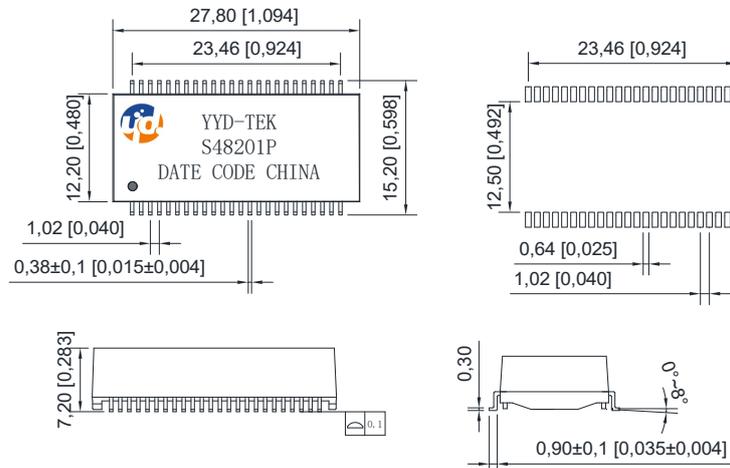
Electrical Specification @25°C

Inductance:	350 uH Min. @ 100 KHz, 100mV 24mA DC Bias			
Hi-POT :	1500Vrms 1mA 1Second			
Turn Ratio:	1CT:1CT±3%			
Cw/w:	35pF Max			
Insertion Loss:	-1dB Max. @1MHz ~100MHz			
RETURN LOSS(RL) (Z out=100 OHM)	1-40MHz	50 MHz	6-80MHz	100MHz
	-18dB Min.	-14dB Min.	-12dB Min.	-10MHz
Cross Talk:	1MHz-30MHz		30MHz-60MHz	
	-45dBMin.		-40dBMin.	
CMRR	1MHz-30MHz		30MHz-60MHz	
	-43dBMin.		-37dBMin.	

Schematic:



Mechanical:



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