

1000 BASE-T Magnetics Modules with PoE Option

MODEL NO.: S241102PW



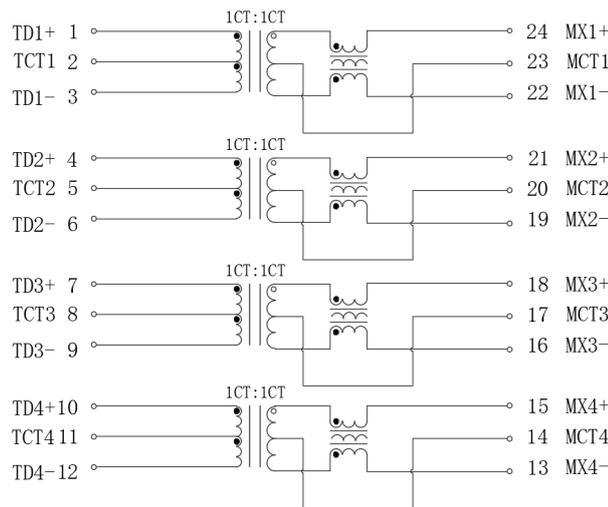
Feature:

- ◆ Meet IEEE802.3af with 350 mA current capability
- ◆ RoHS peak soldering rating: 260°C/ 3~5 Sec
- ◆ Operating temperature : -40°C TO +85°C
- ◆ Storage temperature range:-55°C to + 125°C.

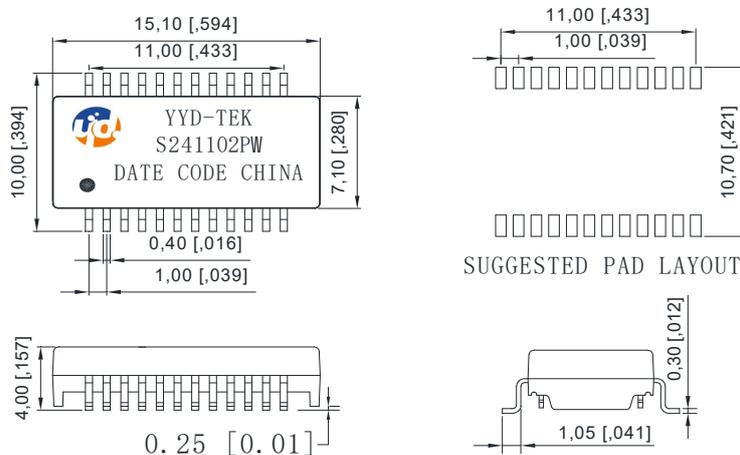
Electrical Specification @25°C

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:	1MHz-30MHz	30MHz-60MHz	60MHz-100MHz	
	-40dBMin.	-35dBMin.	-30dBMin.	
CMRR	1MHz-30MHz	30MHz-60MHz	60MHz-100MHz	
	-40dBMin	-35dBMin.	-30dBMin.	

Schematic:



Mechanical:



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

0.xx±0.05[0.002]