

2.5G BASE-T BASE-T MAGNETICS MODULES

NO: S24602NPW



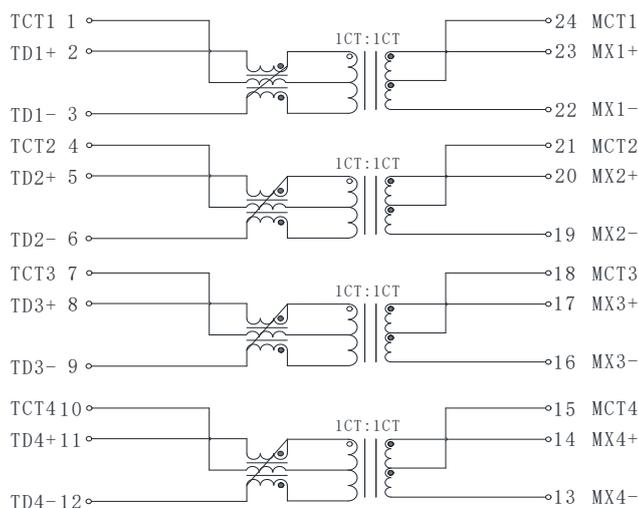
Feature:

- ◆ Compliant with IEEE 802.3bz standard
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Designed to support applications up to 720mA Per center tap
- ◆ Operating Temperature:-40°C~+85°C
- ◆ Storage temperature range:-25°C to + 120°C.

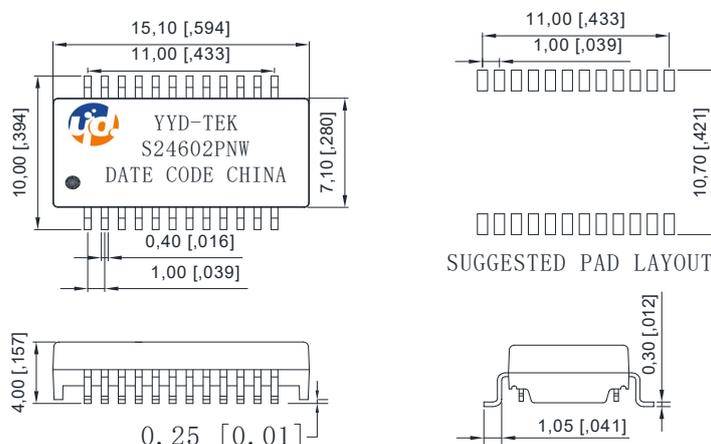
Electrical Specification @25°C

OCL	180uH Min. @100KHz/0.1V with 8mA DC Bias		
leakage	0.5uH@100 KHz/100mV		
Hi-POT :	1500Vrms		
D.C.R	1.2 ohm MAX		
Turn Ratio:	1CT:1CT±3%		
Cw/w:	28pF Max@100 KHz/100mV		
Insertion Loss:	-1.0dB Max. @1 ~125MHz		
RETURN LOSS(RL) (Z out=100 OHM)	1-40MHz	40-125 MHz	
	-20dB Min.	-20+15*log(f/40)dB Min.	
Cross Talk:	-40dB Min.@1-30MHz	-35dB Min.@60MHz	-30dB Min.@125MHz
CMRR	-40dB Min.@1-30MHz	-35dB Min.@60MHz	-30dB Min.@125MHz

Schematic:



Mechanical:



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

0.xx±0.05[0.002]