

# 2.5G BASE-T BASE-T MAGNETICS MODULES

NO: S24202N



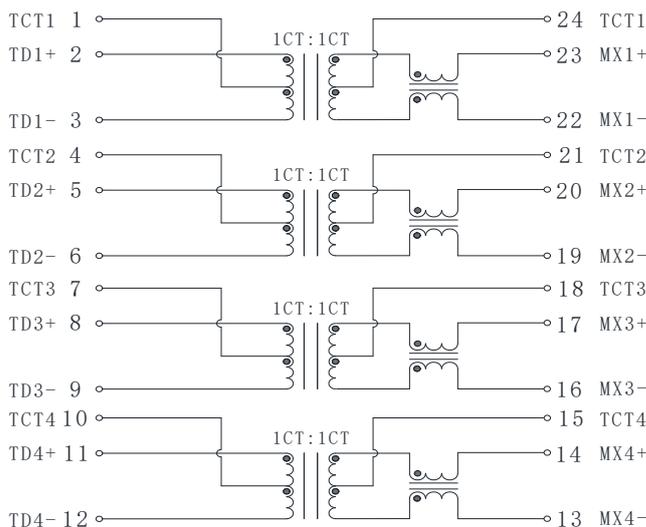
## Feature:

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

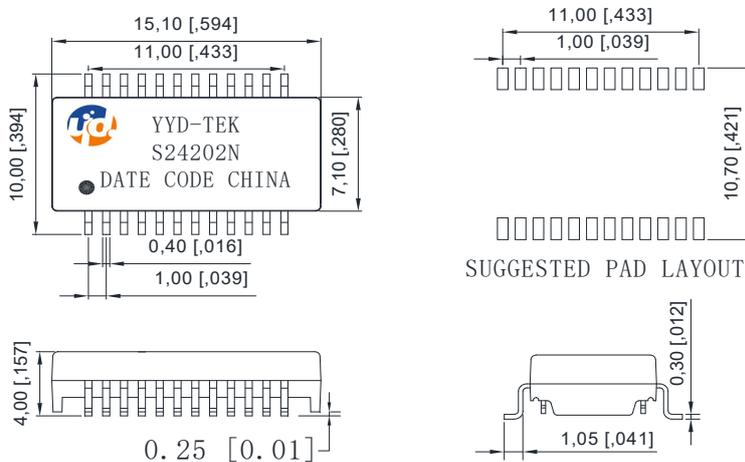
### Electrical Specification @25°C

Inductance:	180 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. @1 ~100MHz	-2dB Max. @100 ~200MHz
RETURN LOSS(RL) (Z out=100 OHM)	1-40MHz	40-125MHz
	-20 dBMin	-20+15*log(f/40) dBMin
Cross Talk:	1-125MHz	
	-30d BMin.	
CMRR	1-125MHz	
	-30dB Min.	

## Schematic:



## Mechanical:



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

0. xx±0.05 [0.002]