

# 100/1000BASE-T Magnetics Module

NO:S24605



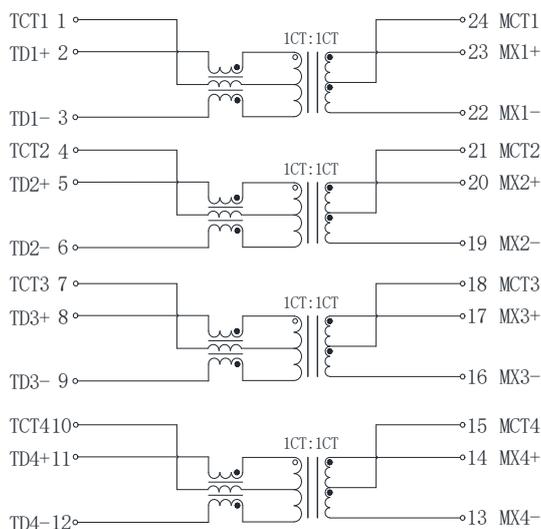
## Feature:

- ◆ Designed to meet IEEE802.3 standard
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range: 0°C to + 125°C.

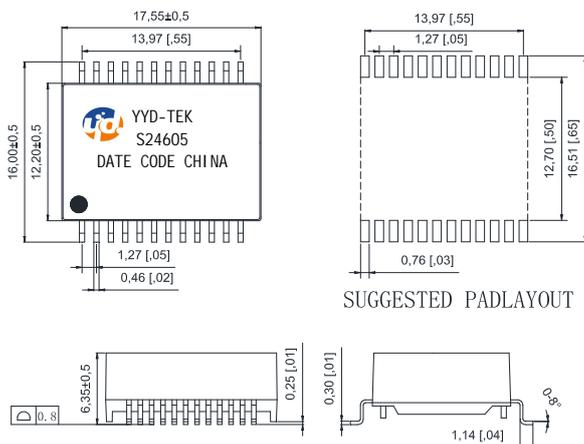
## Electrical Specification @25°C

Inductance:	350uH Min. @100KHz/0.1V 8mA DC Bias		
Hi-POT :	1500VAC		
Leakage inductance:	0.5uH Max. @100KHz/0.1V		
C.W.W.	30pF Max. @100KHz/0.1V		
D.C.R:	1.2 Ω max		
Turn Ratio:	1CT:1CT±2%		
Insertion Loss:	-1.0dB Max.@1-100MHz:		
Return Loss:	1-30MHz	30-60MHz	60-100MHz
	-16dB Min.	-14dB Min.	-10dB Min.
D.C.M.R :	1-30MHz	30-60MHz	60-100MHz
	-40dBMin.	-35dBMin.	-30dBMin.
Cross Talk :	1-30MHz	30-60MHz	60-100MHz
	-40dBMin.	-37dBMin.	-30dBMin.

## Schematic:



## Mechanical:



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

0.xx±0.05[0.002]