

# 100/1000 BASE-T Magnetics Module



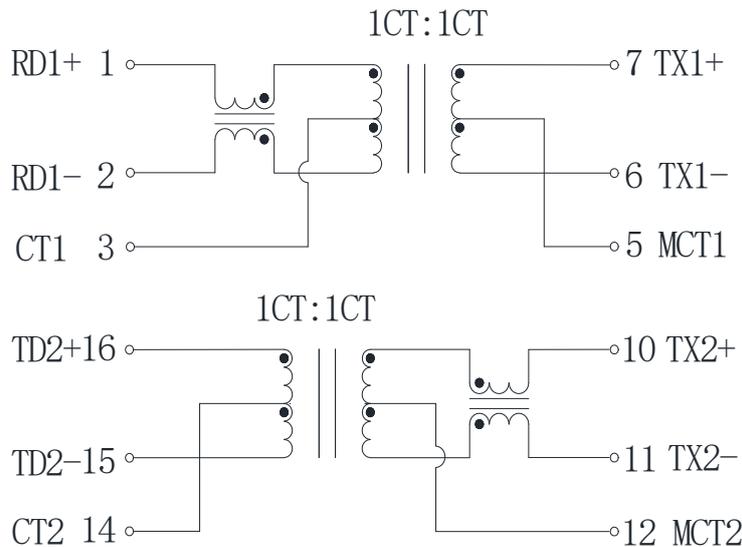
**NO:D16701**

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

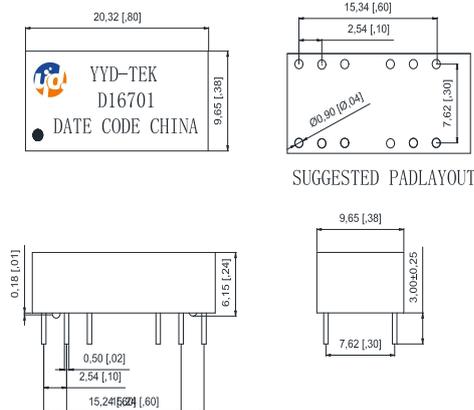
## Electrical Specification @25°C

Inductance:	350uH Min. @100KHz/0.1V 8mA DC Bias		
Hi-POT :	1500VAC/1Sec/1mA		
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:	-1.2dB Max.@1-100MHz:		
Return Loss:	1-30MHz	30-60 MHz	60-100MHz
	-16dB Min.	-14.4dB Min.	-10dB Min.
D.C.M.R :	-40dBMin.@30MHz	-35dBMin@60MHz	-30dBMin.@100MHz
Cross Talk :	-45dBMin.@1-30MHz	-40dBMin.@30-60MHz	-35dBMin.@60-100MHz

### Schematic:



### Mechanical:



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