

100/1000 BASE-T Magnetics Module

NO: D20202



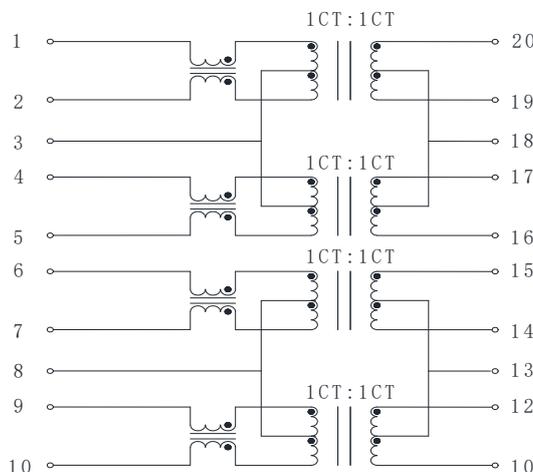
Feature:

- ◆ Meets IEEE 802.3ab standard
- ◆ Comply with RoHS & Halogen Free requirements.
- ◆ Operating Temperature: 0°C~+70°C
- ◆ Storage temperature range: 0°C to + 125°C.

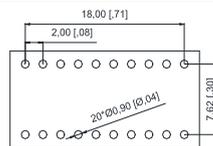
Electrical Specification @25°C

Inductance:	350uH Min. @100KHz/0.1V 8mA DC			
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±3%			
Insertion Loss:	-1.0dB Max.@1-100MHz:			
Return Loss:	1-40MHz	60 MHz	80MHz	100MHz
	-16dB Min.	-14.4dB Min.	-12dB Min.	-10dB Min.
D.C.M.R :	1-100MHz			
	-30Min.			
ross Talk :	1-100MHz			
	-30Min.			

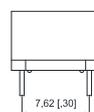
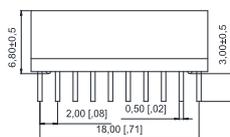
Schematic:



Mechanical:



SUGGESTED PADLAYOUT



Units:mm[Inches] Tolerances:xx. x0±0. 25[0. 010]
0. xx±0. 10[0. 002]