TRIAD MAGNETICS

Common Mode Inductors

CMT-8103



Description:
Highly dependable Triad common mode EMI suppression inductors are used in various types of power supplies to eliminate noise common to all lines. These units also provide effective differential mode filtering. Meeting VDE, IEC, UL and CSA requirements, they minimize AC line transmitted interference often created by high frequency switching power supplies.

Construction:
Constructed with UL rated 130°C (Class B) materials.

Electrical Specifications (@25C) .1V@1Khz

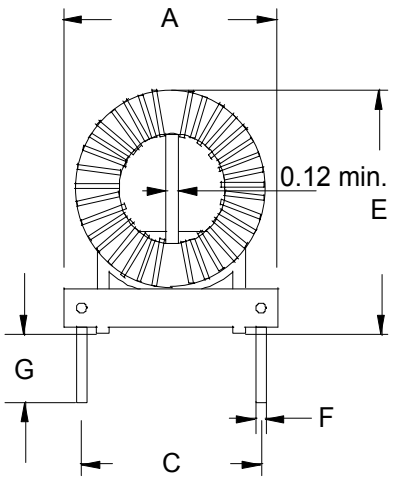
Min. Inductance(1)	Amps(2) RMS	Max. DC (Ω) Resistance
1.0 mH	4.8	0.022

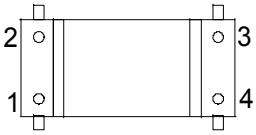
1. Inductance per winding.
2. Rated current to cause approximately 35°C temperature rise.

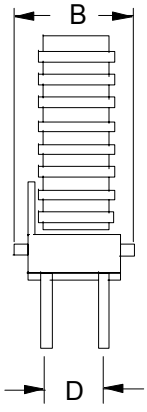
Dimensions:

A Max.	B ± 0.01	C ± 0.015	D ± 0.015	E Max.	F Max.	G Min.
0.76	0.615	0.60	0.250	0.90	0.040	0.150

*Units in inches.

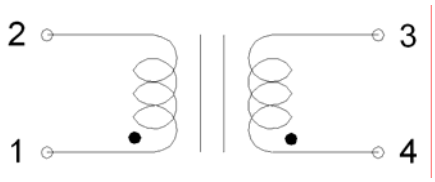






Safety: 1500VAC Dielectric Strength between windings.

Schematic:



RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

* Upon printing, this document is considered “uncontrolled”. Please contact Triad Magnetics’ website for the most current version

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