Switchmode/High Frequency Toroidal Inductor

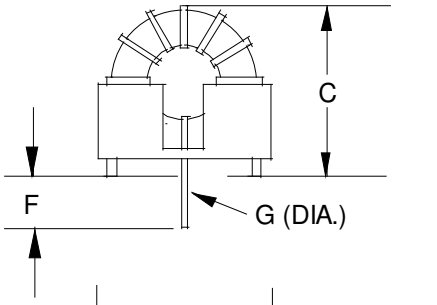
FIT106-6

Description:
The FIT106-6 toroidal inductor is specifically designed to minimize transients. It stores energy and therefore, conditions the output signal by leveling the current waveform providing a more stable current supply. Generally used in high frequency circuits, its standard design provides an economical solution in differential mode applications or as an output inductor.

Electrical Specifications (@25C):

Min. Inductance (µH)		Rated	Max
No Bias	At Bias	DC Amps	DCR (mΩ)
70.05	35.30	9.7	24.0

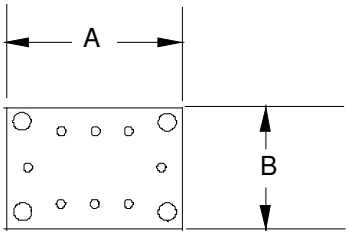
Note: No Bias inductance measured at .25V, 10KHZ.



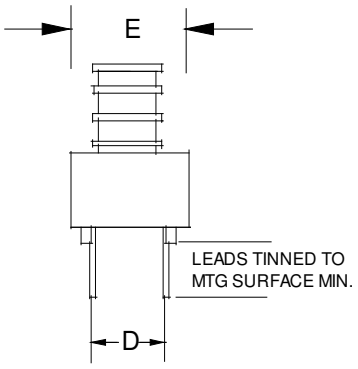
Dimensions:

A	B	C	D	E	F	G
1.30	.725	1.40	.500	.724	.125	.045±.003

Units: In inches



Weight: .090 lbs.



Technical Notes:

1. Nominal inductance values are typically 10% higher than minimal rating.
2. Biased inductance measured at rated DC amps.
3. Operation at rated current yields approximately 40°C temperature rise over 20°C ambient.

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. For soldering and washing information please see http://www.triadmagnetics.com/faq.html

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