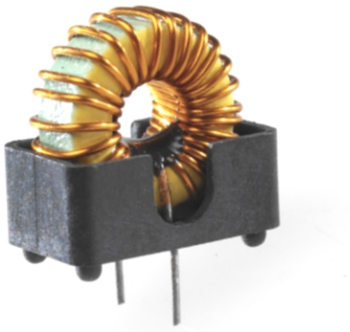
TRIAD MAGNETICS

Switchmode/High Frequency Toroidal Inductor

FIT50-3



Description:

The FIT50-3 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):

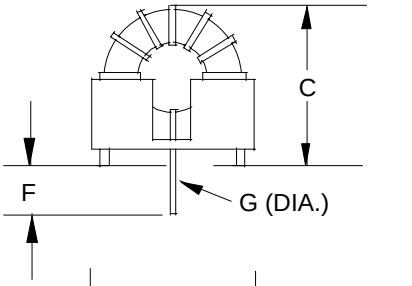
Min. Inductance (µH)		Rated	Max
No Bias	At Bias	DC Amps	DCR (mΩ)
27.16	16.13	4.0	40.1

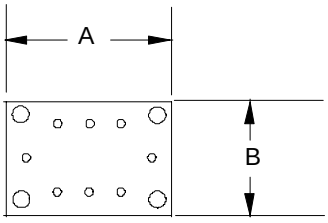
Note: No Bias inductance measured at .25V, 10KHZ.

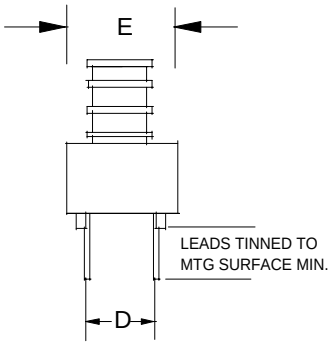
Dimensions:

A	B	C	D	E	F	G
.700	.475	.750	.300	.474	.125	.025±.003

Units: In inches







Weight: .012 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.

Web: www.TriadMagnetics.com
Phone 951-277-0757
Fax 951-277-2757

460 Harley Knox Blvd.
Perris, California 92571

Publish Date: December 4, 2013