



**Triad Magnetics**

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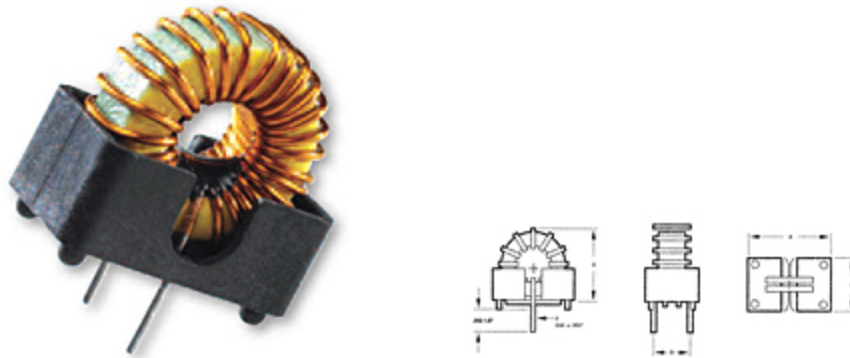
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## Item # FIT68-1, Switch Mode/High Frequency Differential Mode Toroidal Inductors

Triad toroidal inductors are specifically designed to minimize transients. These devices store energy, and therefore, condition the output signal by leveling out the current waveform providing a more stable current supply. Generally used in high frequency circuits, our standardized design provides an economical solution in differential mode applications or as an output inductor.



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Specifications

<b>Min. Inductance (No Bias)</b>	89.50 $\mu$ H
<b>Min. Inductance at Bias</b>	57.99 $\mu$ H
<b>DC Current Rating</b>	2.8 A

<b>Max. DCR</b>	108 Ohm 108.0 mOhm
<b>Dimension (A)</b>	0.875 in
<b>Dimension (B)</b>	0.475 in
<b>Dimension (C)</b>	0.950 in
<b>Dimension (D)</b>	0.300 in
<b>Dimension (E)</b>	0.020 in
<b>Weight</b>	0.026 lb

## 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.

## Note

A FIT-KIT is available which includes one of each of the above listed components.