

FIT68-5

Description:

The FIT68-5 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) |
| 33.15 | 18.79 | 5.7 | 28.8 |

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

Dimensions:

| A | B | C | D | E | F | G |
|------|------|------|------|------|------|-----------|
| .875 | .475 | .950 | .300 | .474 | .125 | .032±.003 |

Units: In inches

Weight: .026 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.
4. **Operating Temperature: -40°C to +85°C**

RoHS Compliance: As of manufacturing date February 2016, all standard products meet the requirements of 2015/863/EU, known as the RoHS 3 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>

