

FIT106-5

Description:

The FIT106-5 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 DC Amps | Max DCR (mΩ) |
|----------------------|---------|---------------|--------------|
| No Bias | At Bias | | |
| 93.0 | 48.0 | 8.1 | 39.1 |

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

Dimensions:

| A | B | C | D | E | F | G |
|------|------|------|------|------|------|-----------|
| 1.30 | .725 | 1.40 | .500 | .724 | .125 | .040±.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>

