

FIT80-1

Description:

The FIT80-1 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 | | |
| 128.0 | 74.04 | 4.0 | 95.2 |

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

Dimensions:

| A | B | C | D | E | F | G |
|------|------|------|------|------|------|-----------|
| .975 | .625 | 1.10 | .450 | .624 | .125 | .026±.003 |

Units: In inches

Weight: .045 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>.

