

Switchmode/High Frequency Toroidal Inductor

FIT80-3

Description:

The FIT80-3 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. Induct | tance (µH) | Rated | Max |
|-------------|------------|---------|----------|
| No Bias | At Bias | DC Amps | DCR (mΩ) |
| 80.75 | 42.00 | 5.7 | 44.8 |

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

Dimensions:

| Α | В | С | D | Е | F | G |
|------|------|------|------|------|------|-----------|
| .975 | .625 | 1.10 | .450 | .624 | .125 | .032±.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.

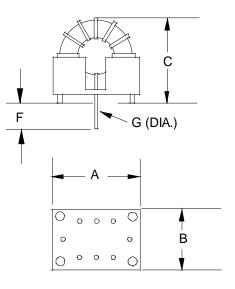
RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

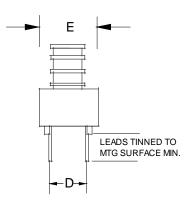
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