



**Triad Magnetics**

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## Item # RC-1, Rod Core Inductor

Triad high current rod core inductors provide cost effective energy storage. By conditioning the output signal, the inductor smoothes out the current waveform to provide a more stable current. These low cost inductors are designed to be compatible with automated P.C.B. installation.



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Specifications

<b>DC Rated Inductance</b>	5600 $\mu$ H
<b>Max. Current</b>	0.250 A (DC)
<b>DC Resistance</b>	6.100 Ohm
<b>Operating Frequency</b>	20 to 200 kHz
<b>Dimension (H)</b>	0.93 in

<b>Dimension (L)</b>	0.600 in
<b>Dimension (A)</b>	0.150 in
<b>Dimension (B)</b>	0.375 in
<b>Weight</b>	0.030 lb

## Technical Notes

1. Rated current 10 amps per pin maximum.
2. Rated current renders approximately 40 °C temperature rise.
3. Inductance Tolerance +/-10%
4. DC Resistance Tolerance +/-15%

## Note

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