



OUTLINE

Slim type.
Self shielded.
Height: 6.5mm Max.
Low resistance.
Excellent DC current characteristics.

APPLICATIONS

Laptop and Notebook computers and PDAs.
DC/DC converters.
Inductor for general purpose use.

| Model | Inductance ⁽¹⁾ uH±20% | Rated DC ⁽²⁾ Current Amps | The saturation ⁽³⁾ DC Current Amps | DC resistance ⁽⁴⁾ mΩ Max |
|------------|-------------------------------------|---|---|---|
| AX02-300R6 | 0.6 | 27.0 | 40.0 | 0.95 |
| AX02-301R0 | 1.0 | 23.0 | 34.0 | 1.70 |
| AX02-301R5 | 1.5 | 18.0 | 30.0 | 2.30 |
| AX02-302R2 | 2.2 | 12.0 | 24.0 | 5.10 |
| AX02-303R9 | 3.9 | 10.0 | 18.0 | 6.80 |
| AX02-304R6 | 4.6 | 9.0 | 14.0 | 8.30 |
| AX02-306R4 | 6.4 | 6.5 | 16.0 | 8.50 |

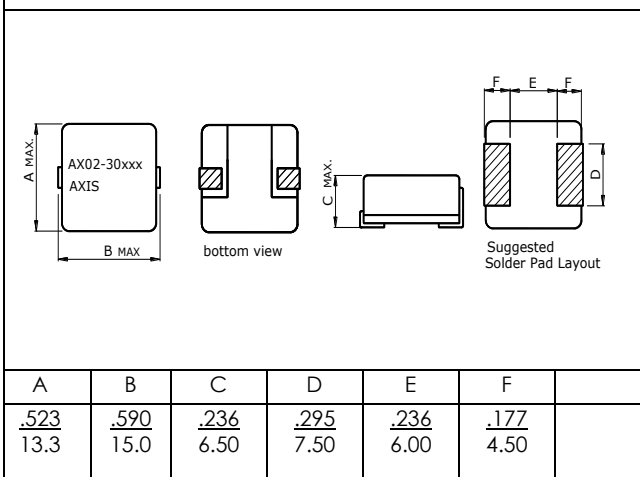
Notes: 1. Inductance measured at 100kHz .0.1v without DC current.

2. Rated current is the approximate current at which inductance will be decreased by 15% from its initial (zero DC) value.

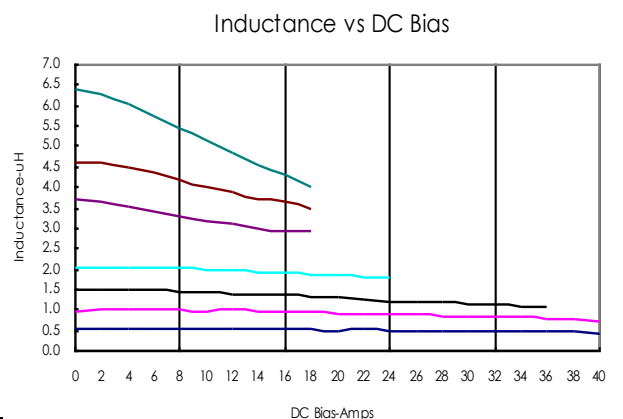
3. The saturation DC current at which inductance rolls off approximately 30% from its initial value.

4. DC Resistance measured at 20°C.

Mechanicals Dimensions=inches/mm



Performance Graphs



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

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