



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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### OUTLINE

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

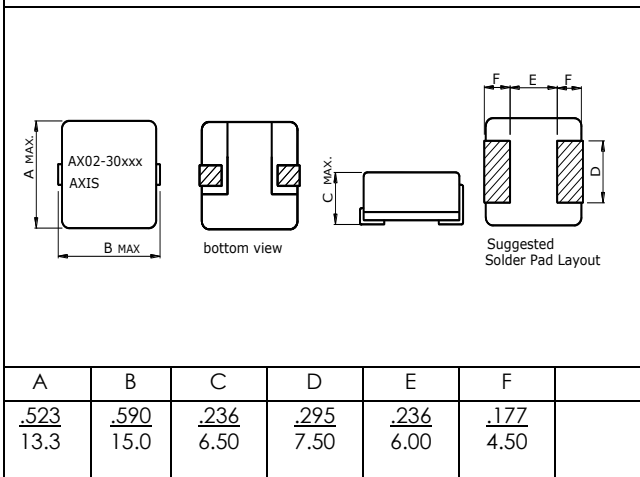
### APPLICATIONS

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

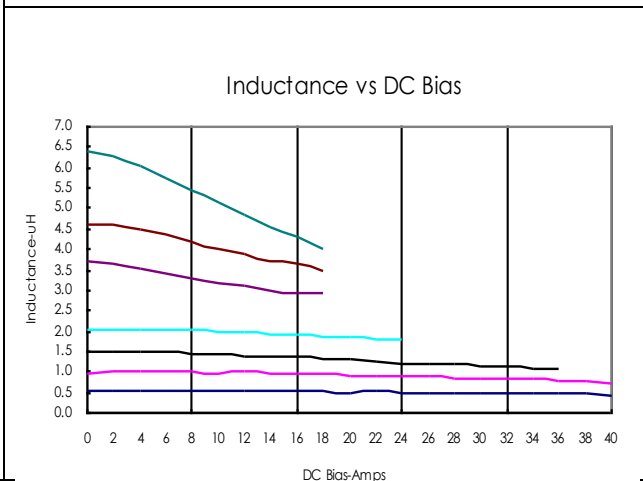
Model	Inductance <sup>(1)</sup> uH±20%	Rated DC <sup>(2)</sup> Current Amps	The saturation <sup>(3)</sup> DC Current Amps	DC resistance <sup>(4)</sup> mΩ Max
AX02-300R6	0.6	27.0	40.0	0.95
AX02-301R0	1.0	23.0	34.0	1.70
AX02-301R5	1.5	18.0	30.0	2.30
AX02-302R2	2.2	12.0	24.0	5.10
AX02-303R9	3.9	10.0	18.0	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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