



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

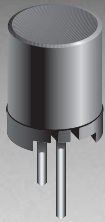
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



*RoHS COMPLIANT



BOURNS®

Features

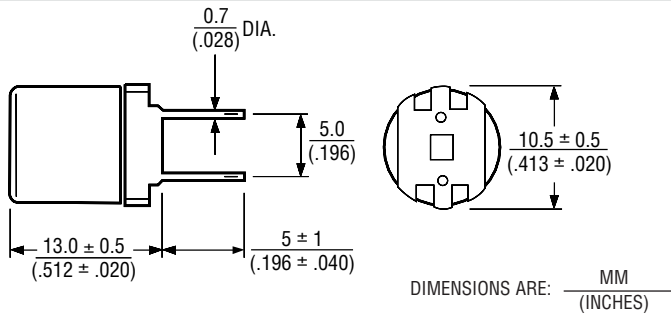
- High inductance up to 47 mH
- High Q level
- RoHS compliant*

FSR1013 Series - Radial Shielded Inductors

Materials

Core	Ferrite POT core
Wire	Enamelled copper wire
Bobbin	Phenolic
Terminal	Cu/Sn
Adhesive	Epoxy resin
Temperature Rise	40 °C max. at rated current
Operating Temperature	-40 °C to +105 °C
Storage Temperature	-40 °C to +105 °C
Packaging	110 pcs. per bag

Dimensions



Electrical Characteristics

BOURNS Part No.	Inductance (mH)	Q min.	Test freq. (Hz)		SRF (kHz) min.	RDC (Ω) max.	Rated Curr. IDC (mA)
			L	Q			
FSR 1013-102KL	1.0 ± 10 %	40	1 k	252.0 k	740	4.0	150
FSR 1013-122KL	1.2 ± 10 %	40	1 k	252.0 k	670	5.0	140
FSR 1013-152KL	1.5 ± 10 %	40	1 k	252.0 k	500	6.0	130
FSR 1013-182KL	1.8 ± 10 %	40	1 k	252.0 k	480	7.0	115
FSR 1013-222KL	2.2 ± 10 %	40	1 k	252.0 k	410	10.0	100
FSR 1013-272KL	2.7 ± 10 %	40	1 k	252.0 k	390	11.0	95
FSR 1013-332KL	3.3 ± 10 %	30	1 k	252.0 k	350	12.0	85
FSR 1013-392KL	3.9 ± 10 %	30	1 k	252.0 k	340	13.0	80
FSR 1013-472KL	4.7 ± 10 %	30	1 k	252.0 k	320	23.0	70
FSR 1013-562KL	5.6 ± 10 %	30	1 k	252.0 k	310	25.0	65
FSR 1013-682KL	6.8 ± 10 %	20	1 k	252.0 k	280	30.0	60
FSR 1013-822KL	8.2 ± 10 %	20	1 k	252.0 k	260	32.0	50
FSR 1013-103KL	10.0 ± 10 %	50	1 k	79.6 k	240	35.0	45
FSR 1013-123KL	12.0 ± 10 %	50	1 k	79.6 k	210	50.0	40
FSR 1013-153KL	15.0 ± 10 %	50	1 k	79.6 k	190	58.0	38
FSR 1013-183KL	18.0 ± 10 %	50	1 k	79.6 k	180	63.0	35
FSR 1013-223KL	22.0 ± 10 %	40	1 k	79.6 k	140	90.0	30
FSR 1013-273KL	27.0 ± 10 %	40	1 k	79.6 k	130	100.0	28
FSR 1013-333KL	33.0 ± 10 %	40	1 k	79.6 k	125	115.0	25
FSR 1013-393KL	39.0 ± 10 %	30	1 k	79.6 k	120	185.0	23
FSR 1013-473KL	47.0 ± 10 %	30	1 k	79.6 k	110	205.0	22

REV. 09/09

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex Specifications are subject to change without notice.

Customers should verify actual device performance in their specific applications.