

Radial Lead RF Chokes



Model 6000 is currently available, although not recommended for new designs. [Model RLB9012](#) is preferred.

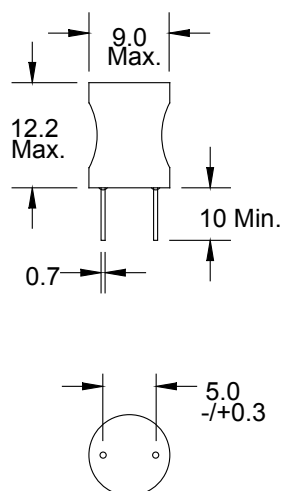
Special Features

- High current capacity
- Ferrite bobbin core
- Low core loss at frequency
- High reliability, efficiency
- Winding covered with shrink tubing
- Fixed lead spacing
- Operating temperature -55 to +105 °C

Notes

* Current to cause 5 % max. inductance drop

† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.



Dimensions: mm



WARNING Cancer and Reproductive Harm
www.P65Warnings.ca.gov

Specifications are subject to change without notice.
 Users should verify actual device performance in their specific applications. The products described herein and this document are subject to specific legal disclaimers as set forth on the last page of this document, and at www.bourns.com/docs/legal/disclaimer.pdf

6000 Series						
Part Number	L (μH) 1 kHz/1 V ±20 %	Q Min.	Q Test Freq. (MHz)	SRF (MHz) Min.	DCR Ω Max.	I, DC* (A)
6000-1R0M-RC	1.0	20	7.96	150	0.013	10
6000-1R5M-RC	1.5	20	7.96	130	0.016	8.5
6000-2R2M-RC	2.2	20	7.96	100	0.021	6.5
6000-3R3M-RC	3.3	20	7.96	79	0.025	5.5
6000-4R7M-RC	4.7	20	7.96	51	0.030	4.6
6000-6R8M-RC	6.8	20	7.96	29	0.035	4.1
±10 %						
6000-100K-RC	10	50	2.52	14	0.045	3.4
6000-120K-RC	12	50	2.52	13	0.050	3.1
6000-150K-RC	15	50	2.52	12	0.056	2.9
6000-180K-RC	18	40	2.52	11	0.061	2.66
6000-220K-RC	22	40	2.52	9.2	0.070	2.4
6000-270K-RC	27	40	2.52	8.5	0.080	2.22
6000-330K-RC	33	30	2.52	7.8	0.090	2.05
6000-390K-RC	39	30	2.52	6.9	0.10	1.85
6000-470K-RC	47	30	2.52	6.5	0.16	1.77
6000-560K-RC	56	30	2.52	5.4	0.18	1.48
6000-680K-RC	68	30	2.52	4.9	0.21	1.36
6000-820K-RC	82	30	2.52	4.1	0.23	1.3
6000-101K-RC	100	20	0.796	3.7	0.28	1.4
6000-121K-RC	120	20	0.796	3.4	0.32	1.25
6000-151K-RC	150	20	0.796	3.2	0.37	1.15
6000-181K-RC	180	20	0.796	2.8	0.58	1.08
6000-221K-RC	220	20	0.796	2.7	0.65	1.0
6000-271K-RC	270	20	0.796	2.4	0.75	0.90
6000-331K-RC	330	20	0.796	2.3	0.85	0.78
6000-391K-RC	390	20	0.796	2.1	1.0	0.74
6000-471K-RC	470	20	0.796	1.9	1.1	0.68
6000-561K-RC	560	20	0.796	1.8	1.4	0.64
6000-681K-RC	680	20	0.796	1.6	1.6	0.59
6000-821K-RC	820	20	0.796	1.5	1.8	0.56
6000-102K-RC	1000	20	0.252	1.3	2.9	0.51
6000-122K-RC	1200	15	0.252	1.2	3.4	0.48
6000-152K-RC	1500	15	0.252	1.1	3.8	0.43
6000-182K-RC	1800	15	0.252	1.0	5.3	0.39
6000-222K-RC	2200	15	0.252	0.8	5.9	0.36
6000-272K-RC	2700	15	0.252	0.7	8.2	0.32
6000-332K-RC	3300	15	0.252	0.6	9.1	0.29
6000-392K-RC	3900	15	0.252	0.55	9.9	0.27
6000-472K-RC	4700	15	0.252	0.5	13.6	0.24
6000-562K-RC	5600	15	0.252	0.45	14.9	0.22
6000-682K-RC	6800	15	0.252	0.4	20.7	0.20
6000-822K-RC	8200	15	0.252	0.35	22.7	0.18
6000-103K-RC	10,000	15	0.079	0.32	25.1	0.17
6000-123K-RC	12,000	15	0.079	0.28	34.7	0.15
6000-153K-RC	15,000	15	0.079	0.25	48.9	0.14
6000-183K-RC	18,000	15	0.079	0.23	53.6	0.12
6000-223K-RC	22,000	15	0.079	0.21	59.3	0.11
6000-273K-RC	27,000	15	0.079	0.19	82.7	0.10
6000-333K-RC	33,000	15	0.079	0.17	91.5	0.09
6000-393K-RC	39,000	15	0.079	0.15	125.5	0.08
6000-473K-RC	47,000	15	0.079	0.12	137.8	0.08

“-RC” suffix indicates RoHS compliance.

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