



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!



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Radial Lead RF Chokes



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

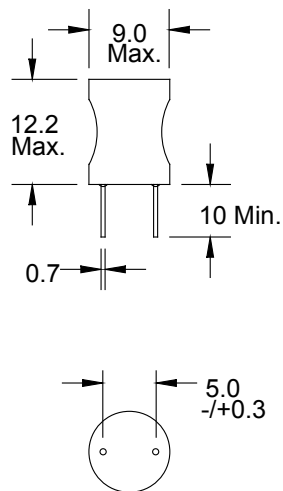
Special Features

- 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

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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