



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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# High Current Toroid Inductors

## Special Features

- Low radiation
- Low core loss
- High operation frequency
- High current capacity
- Low core saturation
- Horizontal or vertical mount
- Operating temperature: -55 to +105 °C

## Typical Applications

- High current, low voltage converters
- High-speed computers
- Video game machines
- Output chokes
- EMI filters

## Notes

- \* Rated current to cause 40 °C temperature rise.
- \*\* Insert "-H" or "-V" for mounting style before "-RC".  
Example: 2000-390-V-RC

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

2000 Series							
Part Number	L (µH) ±20 % @ 1 KHz	Idc* (A)	L (µH) ±20 % @ I rated	DCR Ω Max.	Dim. A Nom.	Dim. B Nom.	Dim. C Nom.
2000-1R2-RC	1.2	20.2	0.86	0.0022	0.35	0.60	0.059
2000-3R3-RC	3.3	11.1	2.5	0.0067	0.33	0.58	0.042
2000-3R9-RC	3.9	10.5	3.0	0.0074	0.33	0.58	0.042
2000-4R7-RC	4.7	10.1	3.5	0.0077	0.33	0.58	0.042
2000-5R6-RC	5.6	9.7	4.0	0.0084	0.33	0.58	0.042
2000-6R8-RC	6.8	7.2	5.7	0.013	0.31	0.56	0.034
2000-8R2-RC	8.2	7.0	6.4	0.014	0.31	0.56	0.034
2000-100-RC	10	6.6	7.9	0.015	0.31	0.56	0.034
2000-120-RC	12	6.4	8.7	0.016	0.31	0.56	0.034
2000-150-RC	15	4.7	12.4	0.029	0.29	0.53	0.027
2000-180-RC	18	4.5	14.5	0.032	0.29	0.53	0.027
2000-220-RC	22	4.3	16.7	0.035	0.29	0.53	0.027
2000-270-RC	27	4.1	20.4	0.039	0.29	0.53	0.027
2000-330-RC	33	3.5	25.4	0.054	0.29	0.53	0.024
2000-390-RC	39	3.3	29.9	0.059	0.29	0.53	0.024
2000-470-RC	47	3.2	34.6	0.064	0.29	0.53	0.024

