



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

- DC/DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105 °C

Notes

* Current to cause 30 °C max. temperature rise

** Insert -H or -V for mounting style before -RC

Example: 2113-V-RC

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

| 2100 Series | | | | | | | |
|-------------|---------------|----------|-----------------|-------|------|------|-------|
| Part Number | L (μH) | Idc* (A) | L (μH) | DCR Ω | Dim. | Dim. | Dim. |
| | ±15 % @ 1 KHz | | ±15 % @ I rated | | A | B | C |
| | | | | Max. | Nom. | Nom. | Nom. |
| 2101-RC | 10 | 10.8 | 6.3 | 0.006 | 0.34 | 0.77 | 0.053 |
| 2102-RC | 12 | 10.3 | 7.4 | 0.007 | 0.34 | 0.77 | 0.053 |
| 2103-RC | 15 | 7.7 | 10.2 | 0.012 | 0.33 | 0.76 | 0.042 |
| 2104-RC | 18 | 7.4 | 11.9 | 0.013 | 0.33 | 0.76 | 0.042 |
| 2105-RC | 22 | 7.0 | 14.2 | 0.015 | 0.33 | 0.76 | 0.042 |
| 2106-RC | 27 | 5.3 | 19.1 | 0.026 | 0.32 | 0.75 | 0.034 |
| 2107-RC | 33 | 5.0 | 22.8 | 0.029 | 0.32 | 0.75 | 0.034 |
| 2108-RC | 39 | 4.8 | 26.4 | 0.032 | 0.32 | 0.75 | 0.034 |
| 2109-RC | 47 | 3.6 | 34.7 | 0.055 | 0.31 | 0.75 | 0.027 |
| 2110-RC | 56 | 3.4 | 40.6 | 0.060 | 0.31 | 0.75 | 0.027 |
| 2111-RC | 68 | 3.3 | 48.3 | 0.067 | 0.31 | 0.75 | 0.027 |
| 2112-RC | 100 | 2.4 | 75.2 | 0.13 | 0.31 | 0.74 | 0.022 |
| 2113-RC | 120 | 2.2 | 88.5 | 0.15 | 0.31 | 0.74 | 0.022 |
| 2114-RC | 150 | 3.4 | 84.3 | 0.062 | 0.35 | 0.79 | 0.034 |
| 2115-RC | 180 | 2.6 | 113.1 | 0.11 | 0.34 | 0.77 | 0.027 |
| 2116-RC | 220 | 2.4 | 134.4 | 0.12 | 0.34 | 0.77 | 0.027 |
| 2117-RC | 270 | 1.8 | 181.6 | 0.21 | 0.33 | 0.76 | 0.022 |
| 2118-RC | 330 | 1.7 | 216.3 | 0.23 | 0.33 | 0.76 | 0.022 |
| 2119-RC | 390 | 1.7 | 250.1 | 0.25 | 0.33 | 0.76 | 0.022 |
| 2120-RC | 470 | 1.6 | 293.8 | 0.28 | 0.35 | 0.76 | 0.022 |
| 2121-RC | 560 | 1.5 | 341.5 | 0.30 | 0.35 | 0.79 | 0.022 |
| 2122-RC | 680 | 1.4 | 403.2 | 0.33 | 0.35 | 0.79 | 0.022 |
| 2123-RC | 820 | 1.4 | 472.8 | 0.37 | 0.35 | 0.79 | 0.022 |
| 2124-RC | 1000 | 1.3 | 559.2 | 0.40 | 0.37 | 0.81 | 0.022 |

“-RC” suffix indicates RoHS compliance.

