

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

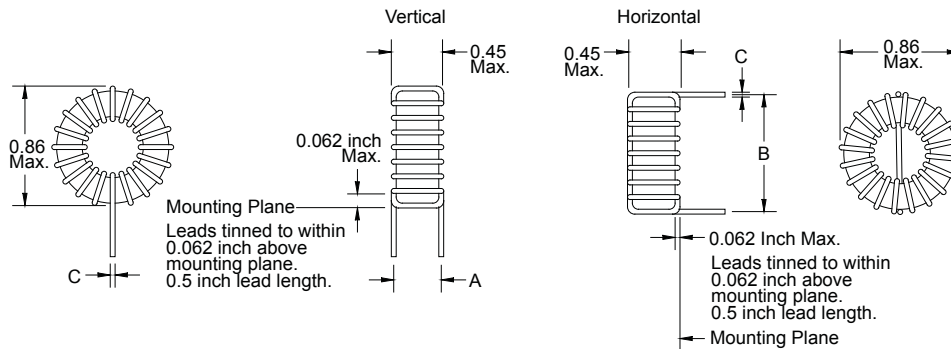
** Insert -H or -V for mounting style before -RC

Example: 2113-V-RC

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

| 2100 Series | | | | | | | |
|-------------|---------------|-----------------------|-----------------|-------|------|------|-------|
| Part Number | L (μH) | I _{dc} * (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.



WARNING Cancer and Reproductive Harm

www.P65Warnings.ca.gov

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