

# 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

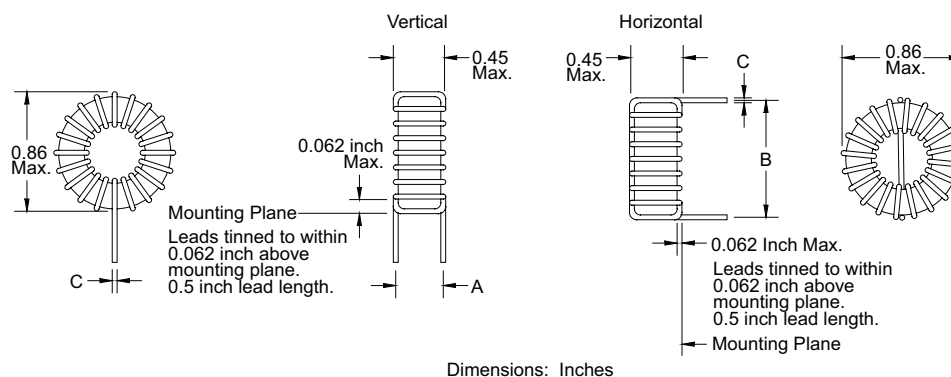
\*\* Insert -H or -V for mounting style before -RC

Example: 2113-V-RC

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

| 2100 Series |                            |             |                              |                  |                   |                   |                   |
|-------------|----------------------------|-------------|------------------------------|------------------|-------------------|-------------------|-------------------|
| Part Number | L (μH)<br>±15 %<br>@ 1 KHz | Idc*<br>(A) | L (μH)<br>±15 %<br>@ I rated | DCR<br>Ω<br>Max. | Dim.<br>A<br>Nom. | Dim.<br>B<br>Nom. | Dim.<br>C<br>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.



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