

# 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

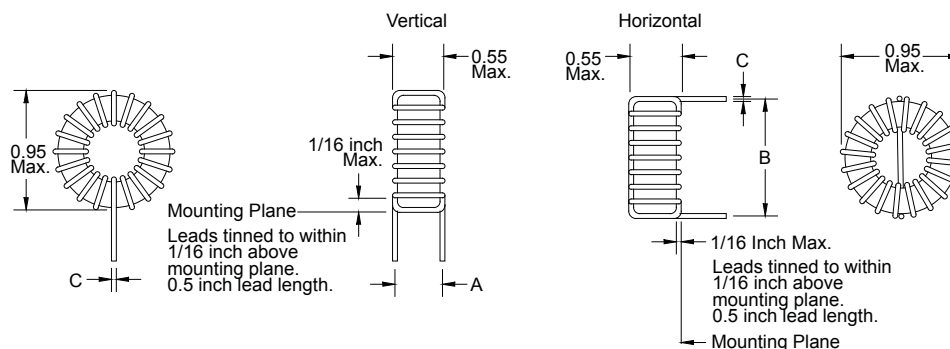
\*\* Insert -H or -V for mounting style before -RC

Example: 2210-V-RC

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

| 2200 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. |
| 2201-RC     | 10                         | 12.5        | 6.7                          | 0.007            | 0.46              | 0.88              | 0.053             |
| 2202-RC     | 12                         | 12.0        | 7.9                          | 0.008            | 0.46              | 0.88              | 0.053             |
| 2203-RC     | 15                         | 11.3        | 9.6                          | 0.008            | 0.46              | 0.88              | 0.053             |
| 2204-RC     | 18                         | 10.8        | 11.3                         | 0.009            | 0.46              | 0.88              | 0.053             |
| 2205-RC     | 22                         | 10.3        | 13.4                         | 0.010            | 0.46              | 0.88              | 0.053             |
| 2206-RC     | 27                         | 9.8         | 16.0                         | 0.011            | 0.46              | 0.88              | 0.053             |
| 2207-RC     | 33                         | 7.4         | 21.6                         | 0.020            | 0.45              | 0.87              | 0.042             |
| 2208-RC     | 39                         | 7.1         | 25.0                         | 0.022            | 0.45              | 0.87              | 0.042             |
| 2209-RC     | 47                         | 6.7         | 29.3                         | 0.024            | 0.45              | 0.87              | 0.042             |
| 2210-RC     | 56                         | 6.4         | 34.1                         | 0.026            | 0.45              | 0.87              | 0.042             |
| 2211-RC     | 68                         | 4.9         | 45.7                         | 0.046            | 0.44              | 0.86              | 0.034             |
| 2212-RC     | 100                        | 4.4         | 64.0                         | 0.056            | 0.44              | 0.86              | 0.034             |
| 2213-RC     | 120                        | 3.3         | 84.4                         | 0.098            | 0.44              | 0.86              | 0.027             |
| 2214-RC     | 150                        | 3.1         | 102.7                        | 0.11             | 0.44              | 0.86              | 0.027             |
| 2215-RC     | 180                        | 3.8         | 105.9                        | 0.075            | 0.48              | 0.9               | 0.034             |
| 2216-RC     | 220                        | 3.6         | 125.6                        | 0.083            | 0.48              | 0.9               | 0.034             |
| 2217-RC     | 270                        | 3.4         | 149.4                        | 0.092            | 0.48              | 0.9               | 0.034             |
| 2218-RC     | 330                        | 3.3         | 176.8                        | 0.10             | 0.48              | 0.9               | 0.034             |
| 2219-RC     | 390                        | 2.5         | 235.3                        | 0.18             | 0.46              | 0.88              | 0.027             |
| 2220-RC     | 470                        | 2.3         | 275.9                        | 0.19             | 0.46              | 0.88              | 0.027             |
| 2221-RC     | 560                        | 2.2         | 320.1                        | 0.21             | 0.46              | 0.88              | 0.027             |
| 2222-RC     | 680                        | 2.1         | 377.2                        | 0.23             | 0.49              | 0.91              | 0.027             |
| 2223-RC     | 820                        | 2.0         | 441.5                        | 0.26             | 0.49              | 0.91              | 0.027             |
| 2224-RC     | 1000                       | 1.9         | 521.3                        | 0.28             | 0.49              | 0.91              | 0.027             |

"-RC" suffix indicates RoHS compliance.



## WARNING Cancer and Reproductive Harm

[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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