

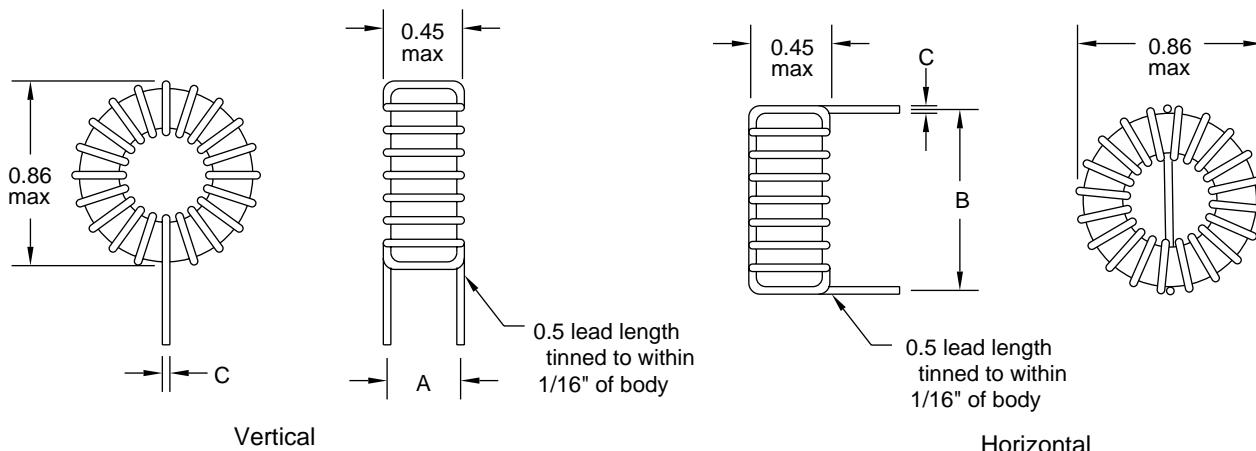
High Current Toroid Inductors

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
- Current to cause 30°C maximum temperature rise

Add H or V mounting style after P/N

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



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MAGNETICS

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