

High Current Toroid Inductors

Special Features

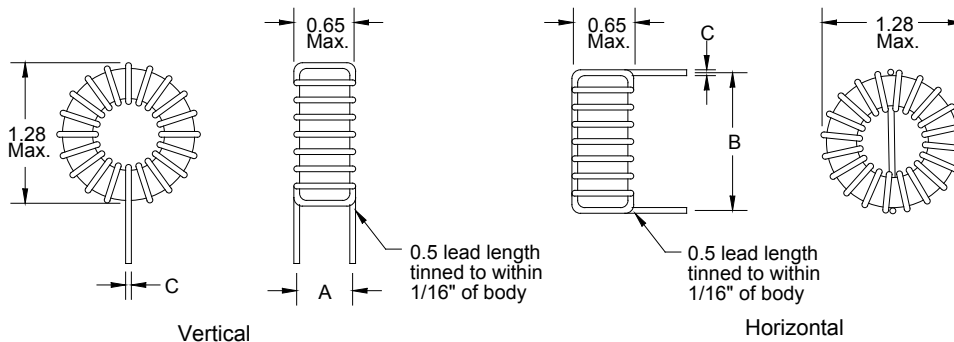
- DC-DC converter, EMI filter applications
- Low radiation
- Low core loss
- High current capacity
- Horizontal or vertical mount
- Low cost
- Operating temperature -55 to +105°C

Notes

- * Current to cause 30°C maximum temperature rise
- Add H or V mounting style after P/N

| 2300 Series | | | | | | | |
|-------------|--------------------------|--------------------------|-----------------------------|------------------|-------------------|-------------------|-------------------|
| Part Number | L (μH) ±15% @ 1KHz | I _{dc} * (A) | L (μH) ±15% @ I rated | DCR Ω Max. | Dim. A Nom. | Dim. B Nom. | Dim. C Nom. |
| 2301- | 10 | 20.0 | 6.7 | 0.005 | 0.56 | 1.18 | 0.066 |
| 2302- | 12 | 19.1 | 7.8 | 0.005 | 0.56 | 1.18 | 0.066 |
| 2303- | 15 | 18.0 | 9.5 | 0.006 | 0.56 | 1.18 | 0.066 |
| 2304- | 18 | 17.2 | 11.1 | 0.006 | 0.56 | 1.18 | 0.066 |
| 2305- | 22 | 16.4 | 13.2 | 0.007 | 0.56 | 1.18 | 0.066 |
| 2306- | 27 | 15.6 | 15.7 | 0.008 | 0.56 | 1.18 | 0.066 |
| 2307- | 33 | 11.7 | 21.3 | 0.013 | 0.53 | 1.14 | 0.053 |
| 2308- | 39 | 11.2 | 24.7 | 0.014 | 0.53 | 1.14 | 0.053 |
| 2309- | 47 | 10.7 | 29.0 | 0.016 | 0.53 | 1.14 | 0.053 |
| 2310- | 56 | 10.2 | 33.7 | 0.017 | 0.53 | 1.14 | 0.053 |
| 2311- | 68 | 7.7 | 45.2 | 0.030 | 0.52 | 1.13 | 0.042 |
| 2312- | 100 | 7.0 | 63.1 | 0.037 | 0.52 | 1.13 | 0.042 |
| 2313- | 120 | 6.7 | 73.9 | 0.040 | 0.52 | 1.13 | 0.042 |
| 2314- | 150 | 5.0 | 101.4 | 0.071 | 0.51 | 1.12 | 0.034 |
| 2315- | 180 | 4.8 | 118.9 | 0.078 | 0.51 | 1.12 | 0.034 |
| 2316- | 220 | 5.8 | 123.8 | 0.054 | 0.56 | 1.17 | 0.042 |
| 2317- | 270 | 5.5 | 147.2 | 0.060 | 0.56 | 1.17 | 0.042 |
| 2318- | 330 | 5.2 | 174.1 | 0.067 | 0.56 | 1.17 | 0.042 |
| 2319- | 390 | 5.0 | 200.2 | 0.072 | 0.56 | 1.17 | 0.042 |
| 2320- | 470 | 3.8 | 271.4 | 0.13 | 0.54 | 1.16 | 0.034 |
| 2321- | 560 | 3.6 | 314.8 | 0.14 | 0.54 | 1.16 | 0.034 |
| 2322- | 680 | 3.4 | 370.7 | 0.15 | 0.54 | 1.16 | 0.034 |
| 2323- | 820 | 2.6 | 500.9 | 0.27 | 0.53 | 1.14 | 0.027 |
| 2324- | 1000 | 2.4 | 593.6 | 0.30 | 0.53 | 1.14 | 0.027 |

Also available as RoHS compliant.



J.W. Miller
MAGNETICS

306 E. Alondra Blvd. Gardena, CA 90247-1059 • Phone (310) 515-1720 • FAX (310) 515-1962