

## Excellent Integrated System Limited

Stocking Distributor

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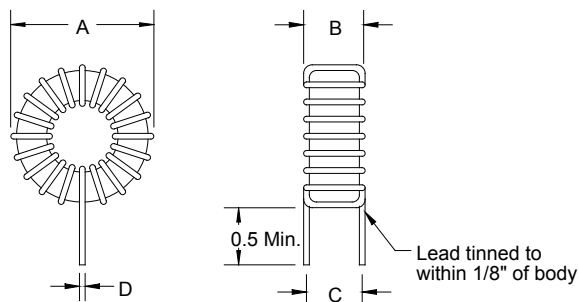
For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## High Current Toroid Inductors

### Features

- Low radiation
- High current capacity
- High inductance
- Increase inductance with AC excitation current to compensate reduce inductance with DC bias
- Low cost
- Operating temperature: -55 - 105°C



Dimensions: Inches

| 5700 Series |                          |               |                             |                  |                   |                   |                   |                   |
|-------------|--------------------------|---------------|-----------------------------|------------------|-------------------|-------------------|-------------------|-------------------|
| Part Number | L (μH)<br>±15%<br>@ 1KHz | I (A)<br>Max. | 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. | Dim.<br>D<br>Nom. |
| 5701        | 10                       | 11.00         | 5                           | 0.008            | 0.875             | 0.437             | 0.32              | 0.064             |
| 5702        | 25                       | 5.50          | 12                          | 0.014            | 0.875             | 0.437             | 0.30              | 0.040             |
| 5703        | 125                      | 2.75          | 70                          | 0.12             | 0.875             | 0.437             | 0.30              | 0.020             |
| 5704        | 275                      | 2.00          | 150                         | 0.24             | 0.875             | 0.437             | 0.30              | 0.016             |
| 5705        | 450                      | 1.50          | 250                         | 0.49             | 0.875             | 0.437             | 0.30              | 0.012             |
| 5706        | 25                       | 9.00          | 15                          | 0.012            | 1.125             | 0.562             | 0.45              | 0.064             |
| 5707        | 75                       | 5.00          | 40                          | 0.04             | 1.125             | 0.562             | 0.42              | 0.036             |
| 5708        | 400                      | 2.25          | 225                         | 0.33             | 1.125             | 0.562             | 0.42              | 0.018             |
| 5709        | 800                      | 1.75          | 475                         | 0.64             | 1.125             | 0.562             | 0.42              | 0.015             |
| 5710        | 1000                     | 1.50          | 575                         | 0.98             | 1.125             | 0.562             | 0.40              | 0.012             |
| 5711        | 50                       | 9.50          | 25                          | 0.012            | 1.250             | 0.625             | 0.53              | 0.064             |
| 5712        | 150                      | 4.75          | 85                          | 0.046            | 1.250             | 0.625             | 0.50              | 0.036             |
| 5713        | 700                      | 2.25          | 400                         | 0.42             | 1.250             | 0.625             | 0.50              | 0.018             |
| 5714        | 1250                     | 1.75          | 750                         | 0.85             | 1.250             | 0.625             | 0.48              | 0.015             |
| 5715        | 1600                     | 1.50          | 950                         | 1.27             | 1.250             | 0.625             | 0.48              | 0.012             |
| 5716        | 125                      | 7.75          | 65                          | 0.032            | 1.812             | 0.750             | 0.68              | 0.064             |
| 5717        | 500                      | 4.00          | 275                         | 0.15             | 1.812             | 0.750             | 0.65              | 0.032             |
| 5718        | 1100                     | 2.50          | 650                         | 0.33             | 1.812             | 0.750             | 0.65              | 0.025             |
| 5719        | 2250                     | 1.75          | 1350                        | 0.92             | 1.812             | 0.750             | 0.65              | 0.018             |
| 5720        | 4500                     | 1.25          | 2700                        | 2.64             | 1.812             | 0.750             | 0.65              | 0.012             |
| 5721        | 250                      | 8.00          | 125                         | 0.041            | 2.125             | 0.937             | 0.79              | 0.062             |
| 5722        | 900                      | 3.75          | 500                         | 0.175            | 2.125             | 0.937             | 0.75              | 0.032             |
| 5723        | 1800                     | 2.50          | 1000                        | 0.55             | 2.125             | 0.937             | 0.75              | 0.023             |
| 5724        | 4000                     | 1.75          | 2100                        | 1.16             | 2.125             | 0.937             | 0.74              | 0.018             |
| 5725        | 8000                     | 1.00          | 4500                        | 3.34             | 2.125             | 0.937             | 0.74              | 0.012             |
| 5726        | 25                       | 2.50          | 16                          | 0.040            | 0.550             | 0.220             | 0.21              | 0.020             |
| 5727        | 35                       | 2.50          | 29                          | 0.035            | 0.700             | 0.320             | 0.30              | 0.025             |
| 5728        | 50                       | 2.50          | 35                          | 0.060            | 0.750             | 0.320             | 0.28              | 0.020             |
| 5729        | 100                      | 2.50          | 70                          | 0.080            | 0.850             | 0.360             | 0.33              | 0.020             |
| 5730        | 70                       | 3.00          | 50                          | 0.050            | 0.850             | 0.360             | 0.33              | 0.025             |
| 5731        | 40                       | 4.00          | 30                          | 0.025            | 0.850             | 0.360             | 0.34              | 0.032             |

Also available as RoHS compliant.