

## Common Mode EMI Chokes

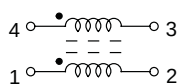
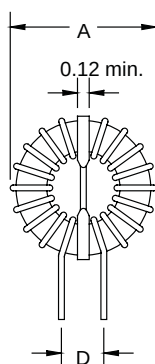
### Special Features

- Reduce conductive EMI emission
- High current capacity
- High impedance at low frequency
- Dielectric strength 3750 Vrms
- Coil wound on UL 94V-0 rated plastic cased ferrite core
- Operating temperature -55 to +105 °C

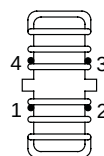
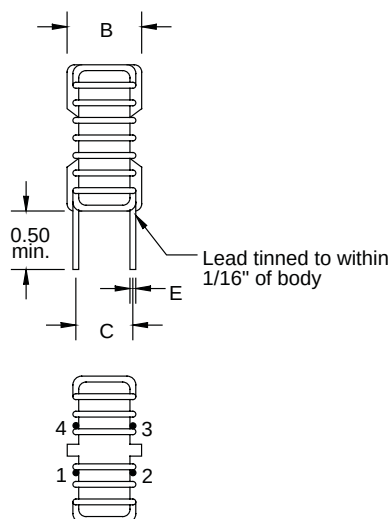
† RoHS Directive 2002/95/EC Jan 27 2003 including Annex.

| 7100 Series |                           |              |                             |                   |                   |                   |                   |                   |
|-------------|---------------------------|--------------|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Part Number | L (mH)<br>Min.<br>@ 1 KHz | I, DC<br>(A) | DCR<br>( $\Omega$ )<br>Max. | Dim.<br>A<br>Max. | Dim.<br>B<br>Max. | Dim.<br>C<br>Nom. | Dim.<br>D<br>Nom. | Dim.<br>E<br>Nom. |
| 7101-RC     | 0.51                      | 1.0          | 0.040                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.016             |
| 7102-RC     | 0.85                      | 1.0          | 0.060                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.016             |
| 7103-RC     | 1.70                      | 1.0          | 0.070                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.016             |
| 7104-RC     | 2.55                      | 1.0          | 0.100                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.016             |
| 7105-RC     | 4.25                      | 1.0          | 0.125                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.016             |
| 7106-RC     | 0.51                      | 2.0          | 0.030                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.020             |
| 7107-RC     | 0.85                      | 2.0          | 0.040                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.020             |
| 7108-RC     | 1.70                      | 2.0          | 0.060                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.020             |
| 7109-RC     | 2.55                      | 2.0          | 0.075                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.020             |
| 7110-RC     | 0.51                      | 3.0          | 0.020                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.023             |
| 7111-RC     | 0.85                      | 3.0          | 0.030                       | 0.600             | 0.450             | 0.400             | 0.200             | 0.023             |
| 7112-RC     | 0.85                      | 2.0          | 0.050                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.023             |
| 7113-RC     | 1.70                      | 2.0          | 0.075                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.023             |
| 7114-RC     | 2.55                      | 2.0          | 0.085                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.023             |
| 7115-RC     | 4.25                      | 2.0          | 0.110                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.023             |
| 7116-RC     | 6.80                      | 2.0          | 0.200                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.023             |
| 7117-RC     | 0.85                      | 5.0          | 0.035                       | 0.800             | 0.550             | 0.500             | 0.300             | 0.030             |
| 7118-RC     | 1.70                      | 5.0          | 0.040                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.030             |
| 7119-RC     | 4.25                      | 4.0          | 0.046                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.030             |
| 7120-RC     | 6.80                      | 4.0          | 0.060                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.030             |
| 7121-RC     | 42.5                      | 2.0          | 0.200                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.023             |
| 7122-RC     | 25.5                      | 4.0          | 0.130                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.030             |
| 7123-RC     | 9.35                      | 5.0          | 0.072                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.036             |
| 7124-RC     | 2.55                      | 10           | 0.020                       | 1.20              | 0.800             | 0.700             | 0.400             | 0.046             |

"-RC" suffix indicates RoHS compliance.



Dimensions: Inches



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