

## DR217-9 SERIES RADIAL LEADED INDUCTORS

### Features

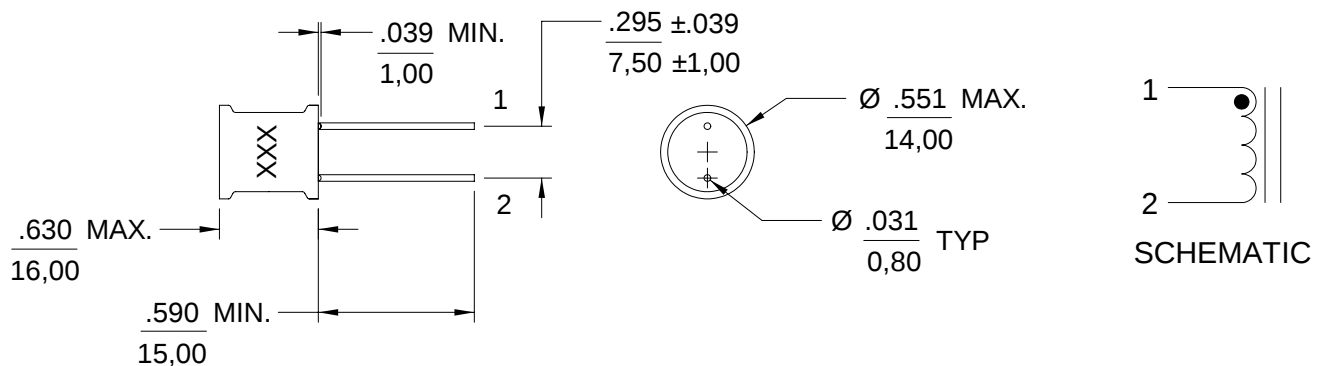
- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 10 $\mu$ H to 10mH
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 5)



### ELECTRICAL SPECIFICATIONS AT 25°C

| Part Number | Inductance ( $\mu$ H)<br>@1kHz | DCR (Ohm)<br>Max. | Rated Current<br>(A) Max. I sat | Rated Current<br>(A) Max. I rms |
|-------------|--------------------------------|-------------------|---------------------------------|---------------------------------|
| DR217-9-103 | 10 $\pm$ 20%                   | 0.023             | 8                               | 5.1                             |
| DR217-9-153 | 15 $\pm$ 10%                   | 0.028             | 6.5                             | 4.5                             |
| DR217-9-223 | 22 $\pm$ 10%                   | 0.035             | 5.5                             | 4.2                             |
| DR217-9-333 | 33 $\pm$ 10%                   | 0.043             | 4.5                             | 3.7                             |
| DR217-9-473 | 47 $\pm$ 10%                   | 0.052             | 3.6                             | 3.4                             |
| DR217-9-683 | 68 $\pm$ 10%                   | 0.068             | 3.1                             | 3.0                             |
| DR217-9-104 | 100 $\pm$ 10%                  | 0.097             | 2.6                             | 2.5                             |
| DR217-9-154 | 150 $\pm$ 10%                  | 0.14              | 2.1                             | 2.1                             |
| DR217-9-224 | 220 $\pm$ 10%                  | 0.2               | 1.7                             | 1.7                             |
| DR217-9-334 | 330 $\pm$ 10%                  | 0.3               | 1.4                             | 1.4                             |
| DR217-9-474 | 470 $\pm$ 10%                  | 0.43              | 1.1                             | 1.1                             |
| DR217-9-684 | 680 $\pm$ 10%                  | 0.61              | 0.95                            | 0.99                            |
| DR217-9-105 | 1000 $\pm$ 10%                 | 1.0               | 0.78                            | 0.78                            |
| DR217-9-155 | 1500 $\pm$ 10%                 | 1.3               | 0.64                            | 0.68                            |
| DR217-9-225 | 2200 $\pm$ 10%                 | 2.0               | 0.53                            | 0.55                            |
| DR217-9-335 | 3300 $\pm$ 10%                 | 3.1               | 0.43                            | 0.44                            |
| DR217-9-475 | 4700 $\pm$ 10%                 | 4.4               | 0.36                            | 0.37                            |
| DR217-9-685 | 6800 $\pm$ 10%                 | 6.5               | 0.3                             | 0.3                             |
| DR217-9-106 | 10000 $\pm$ 10%                | 10                | 0.24                            | 0.24                            |

### MECHANICAL SPECIFICATIONS



#### NOTES:

1. Dimensions are shown in inches/millimeters
2. Unless otherwise specified, tolerance = Inches:  $\pm$ 0.012  
= Millimeters:  $\pm$ 0,30
3. Isat based on the inductance being 90% of its initial value
4. Irms based on a temperature rise of 20°C
5. For non-RoHS parts replace DR prefix with 42- (e.g. DR217-9 becomes 42-217-9)
6. Terminal finish is compliant to RoHS requirements