

## DR217-0 SERIES RADIAL LEADED INDUCTORS

### Features

- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 1.0 $\mu$ H to 22 $\mu$ H
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 4)

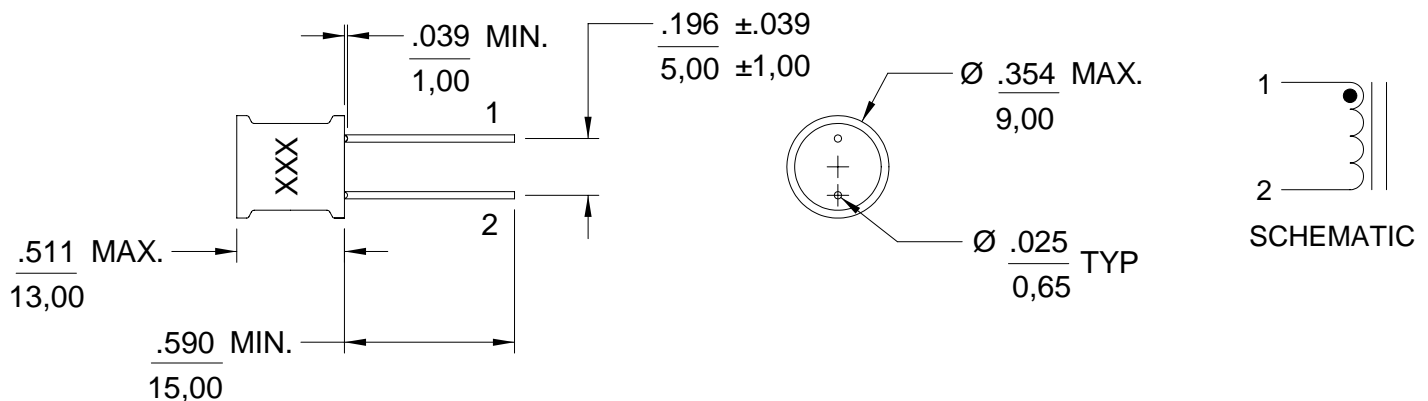


### ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance (uH) @1kHz	Q Ref.	Q Test Freq.	SRF (MHz) Ref.	DCR (m $\Omega$ ) Max.	Rated DC Current (A) Ref.
DR217-0-102	1.0	20	0.796MHz	150	4.0	8.4
DR217-0-152	1.5	20	0.796MHz	110	10.0	5.6
DR217-0-222	2.2	20	0.796MHz	64	9.1	5.0
DR217-0-332	3.3	20	0.796MHz	59	11.0	4.5
DR217-0-472	4.7	20	0.796MHz	45	10.0	4.0
DR217-0-682	6.8	20	0.796MHz	34	20.0	3.5
DR217-0-103	10	75	2.52MHz	26	24.5	3.2
DR217-0-153	15	70	2.52MHz	19	43.0	2.8
DR217-0-223	22	65	2.52MHz	14	56.0	2.4

Inductance tolerance is 20%, except DR217-0-223 with tolerance of 10%.

### MECHANICAL SPECIFICATIONS



#### NOTES:

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