



## DR217-7 SERIES RADIAL LEADED INDUCTORS

### Features

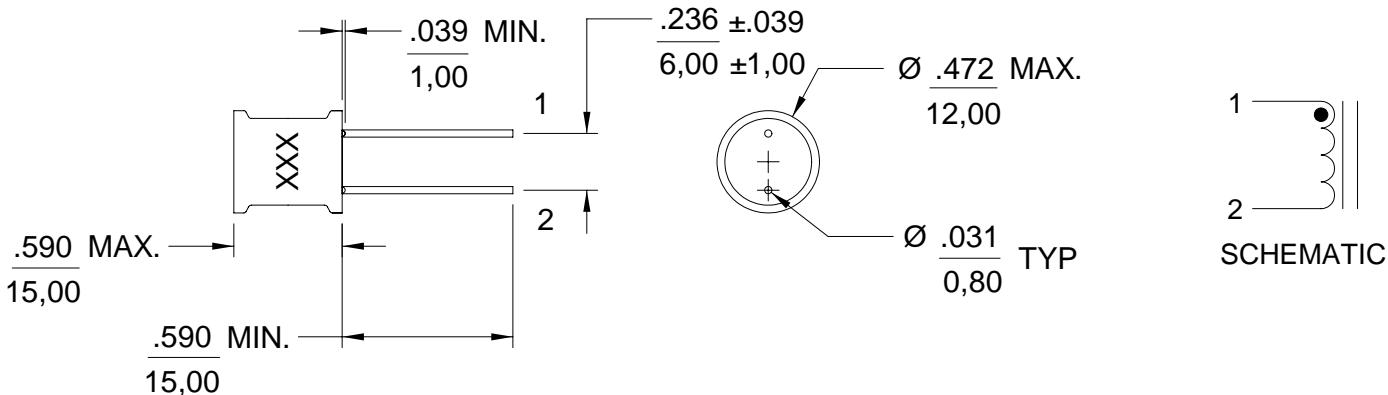
- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 10mH to 100mH
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 5)



### ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance ( $\mu$ H) @1kHz $\pm 10\%$	Q Min.	Q Test Freq.	SRF (MHz) Min.	DCR (Ohm) Max.	Rated Current (A) Max. I sat	Rated Current (A) Max. I rms
DR217-7-106	10000	100	79.6kHz	0.35	12	0.180	0.170
DR217-7-126	12000	100	79.6kHz	0.31	13	0.160	0.160
DR217-7-156	15000	100	79.6kHz	0.28	18	0.140	0.140
DR217-7-186	18000	80	79.6kHz	0.26	25	0.130	0.120
DR217-7-226	22000	80	79.6kHz	0.22	30	0.120	0.110
DR217-7-276	27000	80	79.6kHz	0.20	35	0.110	0.100
DR217-7-336	33000	60	79.6kHz	0.19	40	0.100	0.090
DR217-7-396	39000	60	79.6kHz	0.17	50	0.090	0.080
DR217-7-476	47000	60	79.6kHz	0.15	50	0.080	0.075
DR217-7-566	56000	40	79.6kHz	0.13	65	0.075	0.070
DR217-7-686	68000	40	79.6kHz	0.12	70	0.070	0.065
DR217-7-826	82000	30	79.6kHz	0.10	100	0.060	0.055
DR217-7-107	100000	30	79.6kHz	0.10	135	0.055	0.045

### 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. DR217-7 becomes 42-217-7)
6. Terminal finish is compliant to RoHS requirements

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All specifications are subject to change without notice.