



## DR217-2 SERIES RADIAL LEADED INDUCTORS

### Features

- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 3.3 $\mu$ H to 150mH
- Operating Temp. -20°C to +80°C
- Dielectric Withstand Capability 400VAC
- Tinned Leads with Leaded Solder is Available (note 4)



### ELECTRICAL SPECIFICATIONS AT 25°C

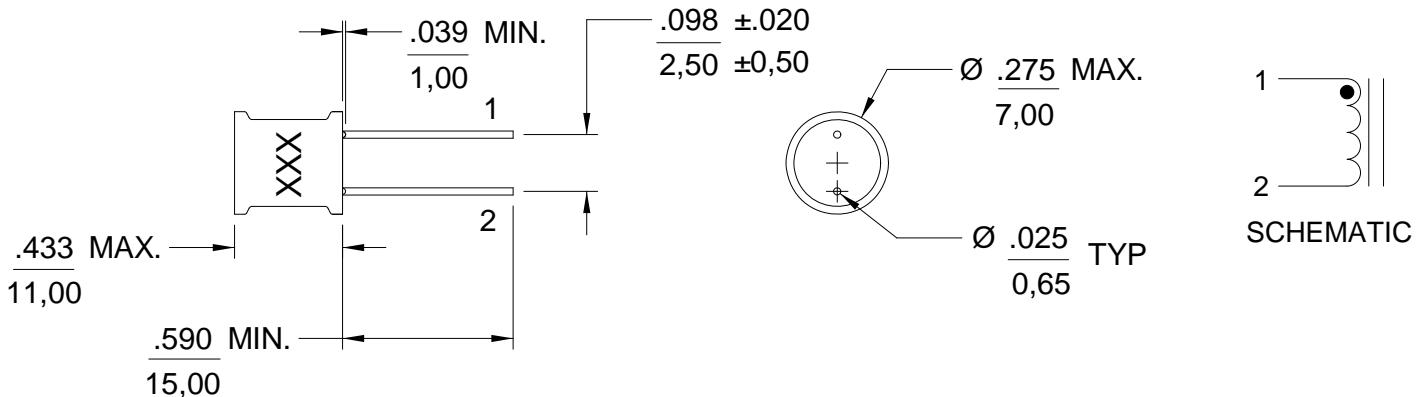
Part Number	Inductance ( $\mu$ H) @1kHz ±20%	Q Min.	Q Test Freq.	DCR (Ohm) Max.	Rated DC Current (A) Max.
DR217-2-332	3.3	20	7.96MHz	0.016	3.50
DR217-2-472	4.7	20	7.96MHz	0.020	3.00
DR217-2-682	6.8	20	7.96MHz	0.022	2.50
DR217-2-103	10	30	2.52MHz	0.039	2.00
DR217-2-153	15	30	2.52MHz	0.045	1.70
DR217-2-223	22	30	2.52MHz	0.062	1.40
DR217-2-333	33	30	2.52MHz	0.10	1.10
DR217-2-473	47	30	2.52MHz	0.15	0.95
DR217-2-683	68	30	2.52MHz	0.22	0.80
DR217-2-104	100	20	796kHz	0.35	0.65
DR217-2-154	150	20	796kHz	0.43	0.54
DR217-2-224	220	20	796kHz	0.90	0.44
DR217-2-334	330	20	796kHz	1.50	0.36
DR217-2-474	470	20	796kHz	1.80	0.30
DR217-2-684	680	20	796kHz	2.50	0.25
DR217-2-105	1000	100	252kHz	3.20	0.20
DR217-2-125	1200	70	252kHz	3.50	0.18
DR217-2-155	1500	70	252kHz	4.50	0.17
DR217-2-185	1800	70	252kHz	5.00	0.155
DR217-2-225	2200	70	252kHz	6.80	0.14
DR217-2-275	2700	70	252kHz	7.20	0.125
DR217-2-335	3300	70	252kHz	10.50	0.115
DR217-2-395	3900	70	252kHz	11.70	0.105
DR217-2-475	4700	70	252kHz	13.60	0.095
DR217-2-565	5600	70	252kHz	16.60	0.085
DR217-2-685	6800	70	252kHz	19.60	0.080
DR217-2-825	8200	70	252kHz	25.20	0.070
DR217-2-106	10000	70	79.6kHz	29.50	0.065
DR217-2-126	12000	50	79.6kHz	33.80	0.060
DR217-2-156	15000	50	79.6kHz	45.40	0.055
DR217-2-186	18000	50	79.6kHz	50.40	0.050



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DR217-2-226	22000	50	79.6kHz	60	0.045
DR217-2-306	30000	50	79.6kHz	91.5	0.040
DR217-2-336	33000	50	79.6kHz	98.5	0.035
DR217-2-396	39000	50	79.6kHz	140	0.032
DR217-2-476	47000	50	79.6kHz	160	0.030
DR217-2-506	50000	50	79.6kHz	170	0.029
DR217-2-566	56000	50	79.6kHz	250	0.028
DR217-2-686	68000	50	79.6kHz	282	0.025
DR217-2-826	82000	50	79.6kHz	312	0.023
DR217-2-107	100000	30	25.2kHz	380	0.020
DR217-2-127	120000	30	25.2kHz	430	0.018
DR217-2-157	150000	30	25.2kHz	520	0.016

### 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. DR217-2 becomes 42-217-2)
5. Terminal finish is compliant to RoHS requirements