



DR217-3 SERIES RADIAL LEADED INDUCTORS

Features

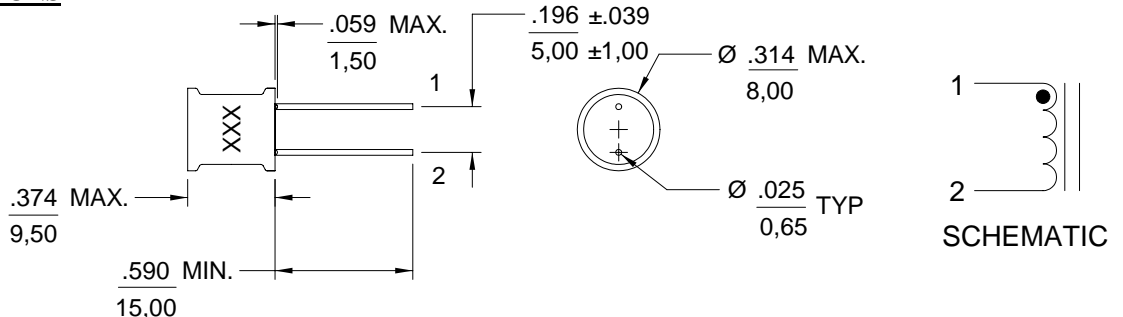
- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 1.0µH to 1500µH
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 5)



ELECTRICAL SPECIFICATIONS AT 25°C

Part Number	Inductance (µH) @1kHz	Q Min.	Q Test Freq.	SRF (MHz) Ref.	DCR (Ohm) Max.	Rated Current (A) Max. I sat	Rated Current (A) Max. I rms
DR217-3-102	1.0 ± 20%	10	7.96MHz	70	0.006	6.6	5.0
DR217-3-152	1.5 ± 20%	10	7.96MHz	56	0.008	5.4	4.3
DR217-3-222	2.2 ± 20%	10	7.96MHz	45	0.011	4.0	3.7
DR217-3-332	3.3 ± 20%	10	7.96MHz	36	0.018	3.6	2.9
DR217-3-472	4.7 ± 20%	10	7.96MHz	29	0.022	3.1	2.6
DR217-3-682	6.8 ± 20%	10	7.96MHz	24	0.028	2.5	2.3
DR217-3-103	10 ± 10%	20	2.52MHz	19	0.043	2.1	1.9
DR217-3-153	15 ± 10%	20	2.52MHz	15	0.056	1.7	1.6
DR217-3-223	22 ± 10%	20	2.52MHz	12	0.086	1.4	1.3
DR217-3-333	33 ± 10%	20	2.52MHz	9.4	0.14	1.1	1.0
DR217-3-473	47 ± 10%	20	2.52MHz	7.6	0.17	0.96	0.94
DR217-3-683	68 ± 10%	20	2.52MHz	6.2	0.28	0.79	0.73
DR217-3-104	100 ± 10%	20	796kHz	5.0	0.33	0.66	0.67
DR217-3-154	150 ± 10%	20	796kHz	4.0	0.56	0.53	0.52
DR217-3-224	220 ± 10%	20	796kHz	3.2	0.72	0.44	0.46
DR217-3-334	330 ± 10%	20	796kHz	2.5	1.1	0.36	0.37
DR217-3-474	470 ± 10%	20	796kHz	2.0	1.7	0.30	0.30
DR217-3-684	680 ± 10%	20	796kHz	1.7	2.3	0.25	0.26
DR217-3-105	1000 ± 10%	70	252kHz	1.3	4.3	0.20	0.19
DR217-3-155	1500 ± 10%	50	252kHz	1.3	5.0	0.17	0.16

MECHANICAL SPECIFICATIONS



NOTES:

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