

**DR217-8 SERIES RADIAL LEADED INDUCTORS**
**Features**

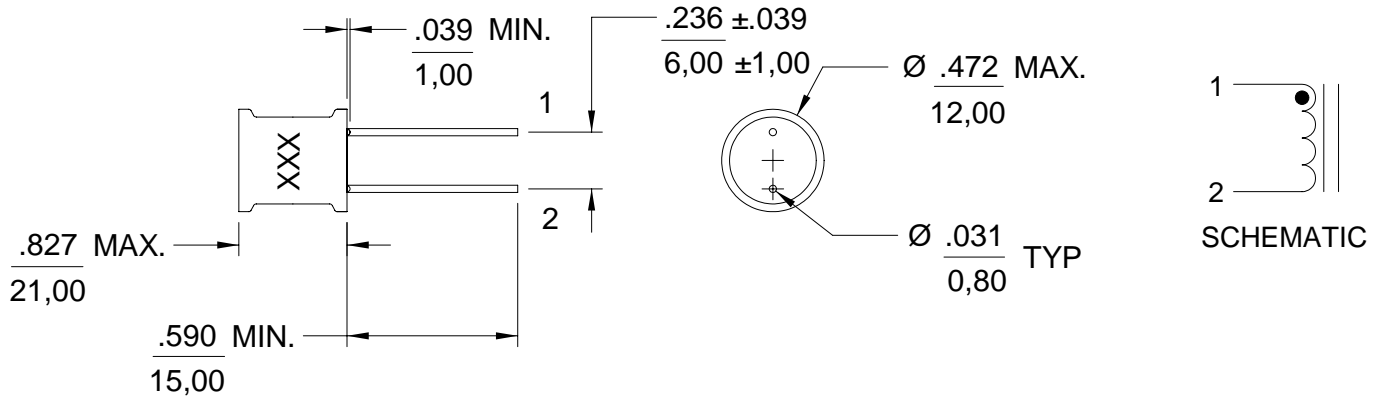
- Designed for EMI Filters & Switching Power Supplies
- Inductance Range from 4.7 $\mu$ H to 100mH
- Operating Temp. -20°C to +80°C
- Tinned Leads with Leaded Solder is Available (note 5)


**ELECTRICAL SPECIFICATIONS AT 25°C**

Part Number	Inductance ( $\mu$ H) @1kHz	DCR (Ohm) Max.	Rated Current (A) Max. I sat	Rated Current (A) Max. I rms
DR217-8-472	4.7	0.008	10.00	6.0
DR217-8-682	6.8	0.011	8.00	5.5
DR217-8-103	10	0.017	7.00	4.5
DR217-8-153	15	0.022	5.50	4.0
DR217-8-223	22	0.026	4.50	3.7
DR217-8-333	33	0.032	3.80	3.3
DR217-8-473	47	0.035	3.20	3.0
DR217-8-683	68	0.047	2.60	2.6
DR217-8-104	100	0.09	2.20	2.0
DR217-8-154	150	0.129	1.80	1.6
DR217-8-224	220	0.162	1.50	1.5
DR217-8-334	330	0.212	1.20	1.2
DR217-8-474	470	0.38	1.00	1.0
DR217-8-684	680	0.548	0.84	0.84
DR217-8-105	1000	0.844	0.66	0.66
DR217-8-155	1500	1.18	0.55	0.55
DR217-8-225	2200	2.0	0.46	0.44
DR217-8-335	3300	2.53	0.38	0.38
DR217-8-475	4700	3.19	0.32	0.32
DR217-8-685	6800	5.69	0.26	0.25
DR217-8-106	10000	7.3	0.22	0.22
DR217-8-156	15000	10.5	0.18	0.18
DR217-8-226	22000	21.8	0.14	0.13
DR217-8-336	33000	25.7	0.12	0.12
DR217-8-476	47000	36.1	0.10	0.10
DR217-8-686	68000	57.3	0.08	0.08
DR217-8-107	100000	89.7	0.06	0.06

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**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  $20^{\circ}\text{C}$
5. For non-RoHS parts replace DR prefix with 42- (e.g. DR217-8 becomes 42-217-8)
6. Terminal finish is compliant to RoHS requirements