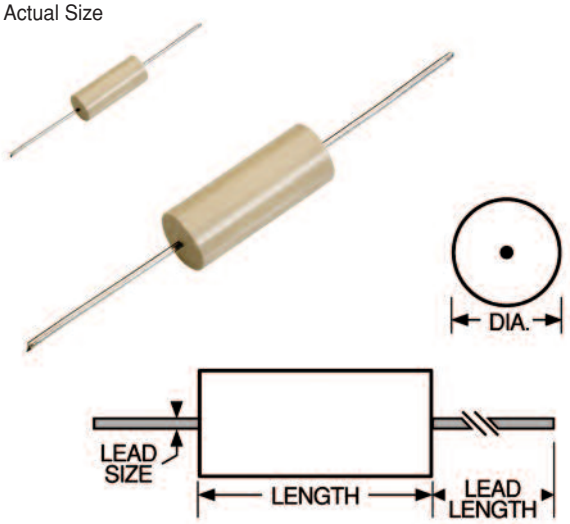
SERIES 511R 511

RoHS Compliant

Traditional First Quality

Molded Unshielded RF Coils

Actual Size



Physical Parameters

Inches	Millimeters	
Length	0.375 ± 0.010	9.53 ± 0.25
Diameter	0.156 ± 0.010	3.96 ± 0.25
Lead Size		
AWG #22 TCW	0.025 ± 0.002	0.635 ± 0.051
Lead Length	1.44 ± 0.12	36.58 ± 3.05

Current Rating at 90°C Ambient
Phenolic 35°C Rise
Iron 15°C Rise

Operating Temperature Range
Phenolic –55°C to +125°C;
Iron –55°C to +105°C

Maximum Power Dissipation at 90°C
Phenolic 0.312 W
Iron 0.134 W

Weight Max. (Grams) 0.9

Marking DELEVAN; inductance with units and tolerance; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: 511-16J

Front:	*Reverse:*
DELEVAN	4.3uH±5%
4.3uH±5%	0628C

Packaging Tape & reel: 12" reel, 2500 pieces max.; 14" reel, 4000 pieces max.

Made in the U.S.A.

DASH NUMBER*	INDUCTANCE (µH) ±5%	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
SERIES 511 PHENOLIC CORE						
-2J	0.16	50	25.0	525	0.040	2370
-3J	0.18	50	25.0	500	0.043	2285
-4J	0.20	50	25.0	475	0.047	2185
-6J	0.24	45	25.0	415	0.060	1935
-7J	0.27	45	25.0	400	0.070	1790
-8J	0.30	45	25.0	380	0.080	1675
-10J	0.36	45	25.0	345	0.098	1515
-11J	0.39	45	25.0	330	0.100	1500
-12J	0.43	45	25.0	315	0.110	1430
-14J	0.51	45	25.0	300	0.130	1315
-16J	0.62	50	25.0	260	0.140	1265
-18J	0.75	50	25.0	230	0.180	1115
-20J	0.91	50	25.0	210	0.240	970
-22J	1.10	33	7.9	190	0.420	730
-24J	1.30	33	7.9	170	0.480	685
-26J	1.60	33	7.9	155	0.600	610
-28J	2.00	33	7.9	140	0.800	530
-30J	2.40	33	7.9	130	1.100	450
-32J	3.00	33	7.9	115	1.800	355
-34J	3.60	33	7.9	105	2.150	325
-36J	4.30	33	7.9	95	2.400	305
SERIES 511 IRON CORE						
-38J	5.10	35	7.9	65	0.360	570
-40J	6.20	45	7.9	60	0.470	455
-42J	7.50	50	7.9	55	0.550	420
-44J	9.10	55	7.9	50	0.800	350
-46J	11.0	60	2.5	44	1.050	310
-48J	13.0	65	2.5	40	1.200	285
-50J	16.0	70	2.5	38	1.800	230
-52J	20.0	75	2.5	30	2.500	195

Optional Tolerances: H = 3% G = 2% F = 1%

*Complete part # must include series # PLUS the dash #

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