



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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**SERIES**

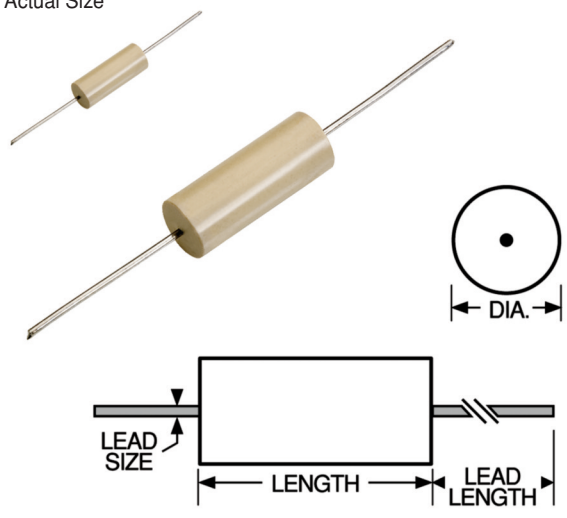
**511R**  
**511**



**Molded Unshielded RF Coils**

DASH NUMBER*	INDUCTANCE (uH) ±5%	TEST FREQUENCY (MHz)	Q MINIMUM	SFF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
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Actual Size



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

**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.**

Optional Tolerances: H = 3% G = 2% F = 1%  
\*Complete part # must include series # PLUS the dash #  
For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)