



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!



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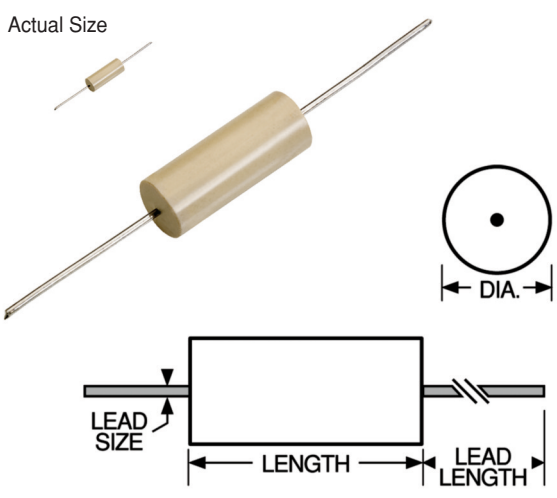
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SERIES 0819R
0819



Molded Unshielded RF Coils



Physical Parameters

	Inches	Millimeters
Length	0.200 ± 0.010	5.08 ± 0.25
Diameter	0.078 ± 0.008	1.98 ± 0.20
Lead Size		
AWG #24 TCW	0.020 ± 0.0015	0.508 ± 0.038
Lead Length	1.5 ± 0.12	38.10 ± 3.05

Current Rating at 90°C Ambient

Phenolic: 35°C Rise
Iron and Ferrite: 15°C Rise

Operating Temperature Range

Phenolic: -55°C to +125°C
Iron and Ferrite: -55°C to +105°C

Maximum Power Dissipation at 90°C

Phenolic: 0.145 W
Iron and Ferrite: 0.062 W

Weight Max. (Grams)

Phenolic: 0.19
Iron and Ferrite: 0 .22

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

Example: 0819-32K

Front: DELEVAN 2.2uH±10%
Reverse: 0850B

Packaging Tape & reel: 12" reel, 3500 pieces max.; 14" reel, 6000 pieces max.

Made in the U.S.A.

DASH NUMBER*	INDUCTANCE (uH) ±10%	Q MINIMUM	TEST FREQUENCY (MHz)	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
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SERIES 0819 PHENOLIC CORE						
-00K	0.10	35	25.0	680	0.13	895
-02K	0.12	35	25.0	650	0.15	835
-04K	0.15	35	25.0	560	0.18	760
-06K	0.18	35	25.0	540	0.21	705
-08K	0.22	30	25.0	500	0.25	645
-10K	0.27	30	25.0	440	0.38	525
-12K	0.33	25	25.0	410	0.49	460
-14K	0.39	25	25.0	380	0.59	420
-16K	0.47	25	25.0	340	0.62	410
SERIES 0819 IRON CORE						
-18K	0.56	40	25.0	250	0.18	510
-20K	0.68	40	25.0	215	0.20	485
-22K	0.82	40	25.0	200	0.22	465
-24K	1.0	40	25.0	190	0.25	435
-26K	1.2	35	7.9	170	0.28	410
-28K	1.5	40	7.9	150	0.49	310
-30K	1.8	40	7.9	135	0.56	290
-32K	2.2	45	7.9	130	0.72	257
-34K	2.7	45	7.9	110	0.85	236
-36K	3.3	45	7.9	100	1.2	198
-38K	3.9	50	7.9	95	1.5	178
-40K	4.7	55	7.9	88	2.1	150
-42K	5.6	55	7.9	78	2.8	130
-44K	6.8	55	7.9	69	3.2	122
-46K	8.2	45	7.9	52	4.4	104
-48K	10.0	45	7.9	47	5.2	95
SERIES 0819 FERRITE CORE						
-50K	12.0	40	2.5	31.0	3.0	126.0
-52K	15.0	40	2.5	26.0	3.4	118.0
-54K	18.0	40	2.5	23.0	3.8	112.0
-56K	22.0	45	2.5	20.0	4.3	105.0
-58K	27.0	45	2.5	17.0	4.7	100.0
-60K	33.0	45	2.5	15.0	5.2	95.0
-62K	39.0	45	2.5	13.5	6.8	83.5
-64K	47.0	45	2.5	12.5	8.2	76.0
-66K	56.0	45	2.5	11.5	10.0	69.0
-68K	68.0	45	2.5	10.5	11.5	64.0
-70K	82.0	45	2.5	10.0	16.0	54.5
-72K	100.0	45	2.5	9.5	17.5	52.0
-74K	120.0	35	0.79	8.9	16.0	54.5
-76K	150.0	35	0.79	7.9	18.0	51.0
-78K	180.0	35	0.79	7.5	20.0	49.0
-80K	220.0	35	0.79	7.1	26.5	42.5
-82K	270.0	35	0.79	6.6	30.5	39.0
-84K	330.0	35	0.79	6.2	40.5	34.0
-86K	390.0	35	0.79	5.9	43.0	33.0
-88K	470.0	35	0.79	5.4	48.0	31.5
-90K	560.0	35	0.79	5.0	60.0	28.0
-92K	680.0	35	0.79	4.5	66.0	27.0
-94K	820.0	35	0.79	3.9	72.0	25.5
-96K	1000.0	35	0.79	3.3	79.0	24.5

Optional Tolerances: J= 5% H = 3% G = 2% F = 1%
*Complete part # must include series # PLUS the dash #
For surface finish information, refer to www.delevanfinishes.com