

**SERIES**

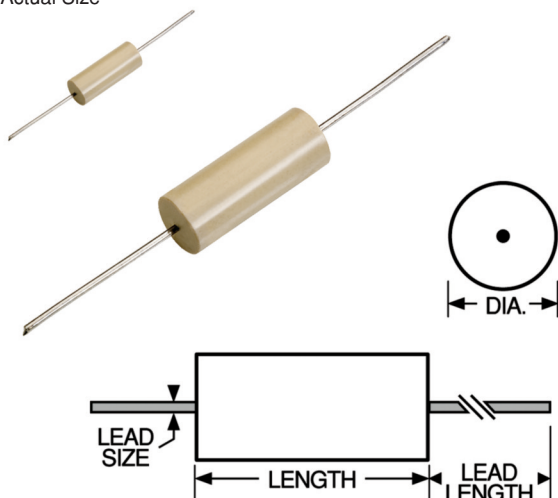
**1638R  
1638**



**Molded Unshielded RF Coils**

DASH NUMBER\*  
INDUCTANCE (μH) ±5%  
TEST FREQUENCY (MHz)  
Q MINIMUM  
SRF MINIMUM (MHz)  
DC RESISTANCE MAXIMUM (OHMS)  
CURRENT RATING MAXIMUM (mA)

Actual Size



SERIES 1638 IRON CORE						
-00J	270	65	0.79	5.7	11.0	143
-02J	300	65	0.79	5.4	11.5	140
-04J	330	65	0.79	5.1	12.0	136
-06J	360	65	0.79	4.8	12.5	134
-08J	390	65	0.79	4.5	16.3	117
-10J	430	65	0.79	4.2	17.1	115
-12J	470	65	0.79	3.9	17.9	112
-14J	510	65	0.79	3.7	18.8	109
-16J	560	65	0.79	3.8	19.5	107
-18J	620	65	0.79	3.3	25.9	93
-20J	680	65	0.79	3.1	27.2	91
-22J	750	65	0.79	2.9	28.6	88
-24J	820	65	0.79	2.7	30.0	86
-26J	910	65	0.79	2.5	31.5	84
-28J	1000	65	0.79	2.3	33.0	82

Optional Tolerances: H = 3% G = 2% F = 1%  
\*Complete part # must include series # PLUS the dash #

**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 35°C Rise**

**Operating Temperature** -55°C to +125°C

**Maximum Power Dissipation at 90°C** 0.312 W

**Weight Max.** (Grams) 1.0

**Core Material** Iron

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

Example: 1638R-16J

Front: DELEVAN 560uH±5%  
Reverse: R 0828A

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

**Made in the U.S.A.**