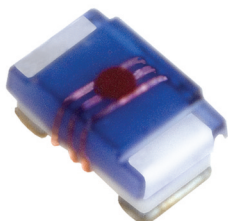
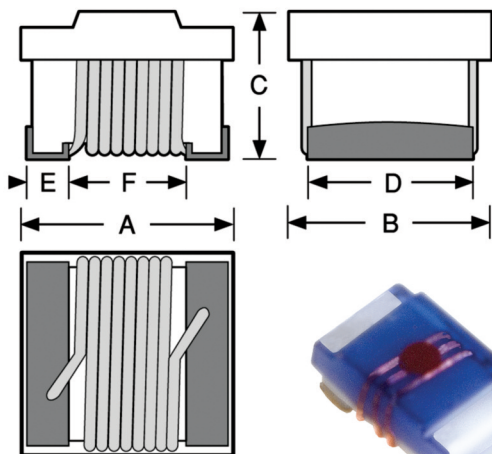


SERIES**0603R**

Open Construction Wirewound Surface Mount Inductors

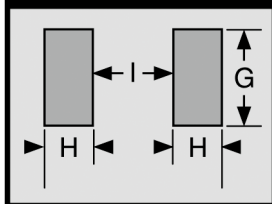


Actual Size (Max.)

Physical Parameters

	Inches	Millimeters
A	0.071 Max.	1.80 Max.
B	0.045 Max.	1.14 Max.
C	0.040 Max.	1.02 Max.
D	0.030 (Ref. only)	0.76 (Ref. only)
E	0.018 (Ref. only)	0.44 (Ref. only)
F	0.040 (Ref. only)	1.03 (Ref. only)
G	0.040	1.03
H	0.025	0.64
I	0.025	0.64

Operating Temperature Range -40°C to +125°C
Inductance and Q tested on HP4291A using HP16193A test fixture, or equivalent

Packaging Tape & reel (8mm): 7" reel, 4000 pieces max.
**LAND PATTERN
DIMENSIONS**

INDUCTANCE (nH) ±10%
DASH NUMBER*
INDUCTANCE & Q TEST
FREQUENCY (MHz)
Q MINIMUM
SRF MINIMUM (MHz)
DC RESISTANCE
MAXIMUM (OHMS)
CURRENT RATING
MAXIMUM (mA)

RF Inductors**SERIES 0603R CERAMIC CORE**

-1N6K	1.6	16	250	6000	0.040	700
-1N8K	1.8	16	250	6000	0.045	700
-3N3K	3.3	22	250	6000	0.080	700
-3N6K	3.6	22	250	5800	0.063	700
-3N9K	3.9	22	250	6000	0.080	700
-4N3K	4.3	22	250	5800	0.063	700
-4N7K	4.7	25	250	5800	0.120	700
-5N1K	5.1	20	250	5800	0.160	700
-5N6K	5.6	20	250	5800	0.170	700
-6N8K	6.8	27	250	5800	0.110	700
-7N5K	7.5	27	250	4800	0.110	700
-8N2K	8.2	27	250	4800	0.110	700
-8N7K	8.7	27	250	4800	0.110	700
-9N5K	9.5	27	250	4800	0.130	700
-10NK	10	31	250	4800	0.130	700
-11NK	11	31	250	4000	0.086	700
-12NK	12	35	250	4000	0.130	700
-15NK	15	35	250	4000	0.170	700
-16NK	16	35	250	3300	0.110	700
-18NK	18	35	250	3100	0.170	700
-22NK	22	38	250	3000	0.190	700
-24NK	24	38	250	2800	0.130	700
-27NK	27	40	250	2800	0.220	600
-30NK	30	40	250	2800	0.150	600
-33NK	33	40	250	2300	0.220	600
-36NK	36	40	250	2300	0.250	600
-39NK	39	40	250	2200	0.250	600
-43NK	43	38	200	2000	0.280	600
-47NK	47	38	200	2000	0.280	600
-56NK	56	38	200	1900	0.310	600
-68NK	68	37	200	1700	0.340	600
-72NK	72	34	150	1700	0.490	400
-82NK	82	34	150	1700	0.540	400
-101K	100	34	150	1400	0.580	400
-111K	110	32	150	1350	0.610	300
-121K	120	32	150	1300	0.650	300
-151K	150	32	100	1300	0.950	280
-181K	180	25	100	1200	1.400	250
-221K	220	25	100	1200	1.600	250
-271K	270	25	100	900	2.100	200
-331K	330	25	100	900	3.800	100
-391K	390	25	100	900	4.350	100

Optional Tolerances: 9.5nH & Lower J = 5%

All Other Values: J = 5% G = 2%

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

For surface finish information, refer to www.delevanfinishes.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Delevan:

<u>0603R-1N6K</u>	<u>0603R-1N6J</u>	<u>0603R-1N8K</u>	<u>0603R-1N8J</u>	<u>0603R-3N3K</u>	<u>0603R-3N3J</u>	<u>0603R-3N6K</u>	<u>0603R-3N6J</u>
<u>0603R-3N9K</u>	<u>0603R-3N9J</u>	<u>0603R-4N3K</u>	<u>0603R-4N3J</u>	<u>0603R-4N7K</u>	<u>0603R-4N7J</u>	<u>0603R-5N1K</u>	<u>0603R-5N1J</u>
<u>0603R-5N6K</u>	<u>0603R-5N6J</u>	<u>0603R-6N8K</u>	<u>0603R-6N8J</u>	<u>0603R-7N5K</u>	<u>0603R-7N5J</u>	<u>0603R-8N2K</u>	<u>0603R-8N2J</u>
<u>0603R-8N7K</u>	<u>0603R-8N7J</u>	<u>0603R-9N5K</u>	<u>0603R-9N5J</u>	<u>0603R-10NK</u>	<u>0603R-10NJ</u>	<u>0603R-11NK</u>	<u>0603R-11NJ</u>
<u>0603R-12NK</u>	<u>0603R-12NJ</u>	<u>0603R-15NK</u>	<u>0603R-15NJ</u>	<u>0603R-16NK</u>	<u>0603R-16NJ</u>	<u>0603R-18NK</u>	<u>0603R-18NJ</u>
<u>0603R-22NK</u>	<u>0603R-22NJ</u>	<u>0603R-24NK</u>	<u>0603R-24NJ</u>	<u>0603R-27NK</u>	<u>0603R-27NJ</u>	<u>0603R-30NK</u>	<u>0603R-30NJ</u>
<u>0603R-33NK</u>	<u>0603R-33NJ</u>	<u>0603R-36NK</u>	<u>0603R-36NJ</u>	<u>0603R-39NK</u>	<u>0603R-39NJ</u>	<u>0603R-43NK</u>	<u>0603R-43NJ</u>
<u>0603R-47NK</u>	<u>0603R-47NJ</u>	<u>0603R-56NK</u>	<u>0603R-56NJ</u>	<u>0603R-68NK</u>	<u>0603R-68NJ</u>	<u>0603R-101K</u>	