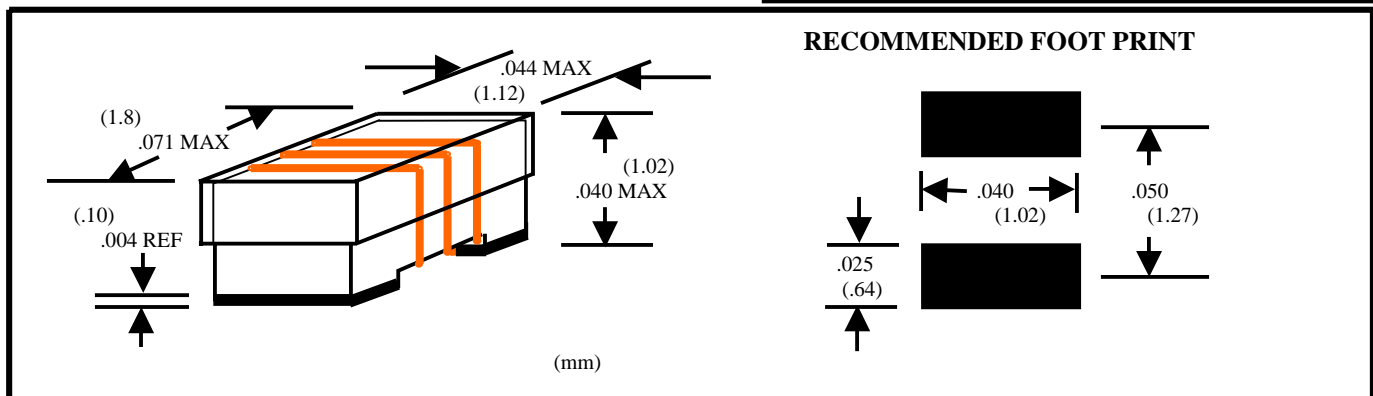




# SURFACE MOUNT INDUCTORS

# CC0603

- ◆ Excellent High Frequency Applications
- ◆ Suitable for Reflow Soldering
- ◆ Flat Top Cover for Pick and Place
- ◆ Tape and Reel
- ◆ Operating temperature: -40 to +125°C



PART #	L nH	L FREQ MHz	Q MIN	Q FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING DC MAX mA	TOLERANCE CODES AVAILABLE
CC0603-0016M	1.6	250	24	250	>6000	.030	1000	K
CC0603-0018M	1.8	250	16	250	>6000	.045	1000	K
CC0603-0036M	3.6	250	22	250	5900	.063	1000	K
CC0603-0039M	3.9	250	22	250	5900	.080	1000	K
CC0603-0043M	4.3	250	22	250	5900	.063	1000	K
CC0603-0047M	4.7	250	20	250	5800	.116	1000	K
CC0603-0051M	5.1	250	20	250	5700	.140	950	K
CC0603-0068M	6.8	250	27	250	5700	.110	1000	K
CC0603-0075M	7.5	250	28	250	4800	.106	1000	K
CC0603-0087M	8.7	250	28	250	4600	.109	1000	K
CC0603-0095J	9.5	250	28	250	4600	.135	967	J,G
CC0603-010J	10	250	31	250	4600	.130	986	J,G
CC0603-011J	11	250	33	250	4000	.086	1000	J,G
CC0603-012J	12	250	35	250	4000	.130	986	J,G
CC0603-015J	15	250	35	250	4000	.170	862	J,G
CC0603-016J	16	250	34	250	3300	.104	1000	J,G
CC0603-018J	18	250	35	250	3100	.170	862	J,G
CC0603-022J	22	250	38	250	3000	.190	815	J,G
CC0603-024J	24	250	37	250	2650	.135	967	J,G
CC0603-027J	27	250	40	250	2650	.220	758	J,G
CC0603-030J	30	250	37	250	2250	.144	937	J,G
CC0603-033J	33	250	40	250	2250	.220	758	J,G
CC0603-036J	36	250	38	250	2080	.250	711	J,G



# CC0603

PART #	L nH	L FREQ MHz	Q MIN	Q FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING DC MAX mA	TOLERANCE CODES AVAILABLE
CC0603-039J	39	250	40	250	2200	.250	711	J,G
CC0603-043J	43	250	39	250	2000	.280	672	J,G
CC0603-047J	47	200	38	200	2000	.280	672	J,G
CC0603-056J	56	200	38	200	1900	.310	638	J,G
CC0603-068J	68	200	37	200	1700	.340	610	J,G
CC0603-072J	72	150	34	150	1700	.490	508	J,G
CC0603-082J	82	150	34	150	1700	.540	484	J,G
CC0603-100J	100	150	34	150	1400	.580	467	J,G
CC0603-110J	110	150	32	150	1350	.610	455	J,G
CC0603-120J	120	150	32	150	1300	.650	441	J,G
CC0603-150J	150	150	28	150	990	.920	371	J,G
CC0603-180J	180	100	25	100	990	1.25	318	J,G
CC0603-220J	220	100	25	100	900	1.90	258	J,G
CC0603-270J	270	100	24	100	900	2.30	234	J,G

Ceramic core, Terminations are Gold Plated Nickel

Inductance and Q measured using the HP4291A

SRF measured using the HP8753C

Suffix K = 10% Tolerance

J = 5%

G = 2%

