

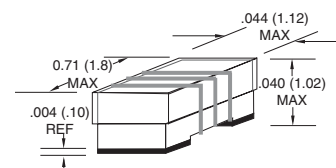
# RF INDUCTORS - SURFACE MOUNT



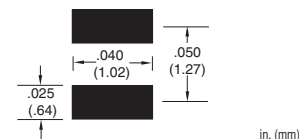
## CC0603 RoHS Ceramic Wirewound RF Inductors



PART NUMBER	L nH	L FREQ MHz	Q MIN	Q FREQ MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING DC MAX mA	MINIMUM TOLERANCE CODES AVAILABLE
CC0603-0039J	3.9	250	22	250	6000	.080	940	J
CC0603-0047J	4.7	250	20	250	5800	.110	802	J
CC0603-0068J	6.8	250	27	250	5800	.110	802	J
CC0603-010J	10	250	31	250	4800	.160	665	J
CC0603-012G	12	250	35	250	4000	.130	738	G
CC0603-015G	15	250	35	250	4000	.170	645	G
CC0603-018G	18	250	35	250	3100	.170	645	G
CC0603-022G	22	250	38	250	3000	.190	610	G
CC0603-027G	27	250	40	250	2800	.220	567	G
CC0603-033G	33	250	40	250	2300	.220	567	G
CC0603-039G	39	250	40	250	2200	.250	532	G
CC0603-047G	47	200	38	200	2000	.280	503	G
CC0603-056G	56	200	38	200	1900	.310	478	G
CC0603-068G	68	200	37	200	1700	.360	443	G
CC0603-082G	82	150	34	150	1700	.540	362	G
CC0603-100G	100	150	34	150	1400	.747	308	G
CC0603-120G	120	150	32	150	1300	.788	300	G
CC0603-150G	150	150	28	150	990	1.14	249	G
CC0603-180G	180	150	25	150	990	1.28	235	G
CC0603-220G	220	100	25	150	700	1.70	204	G
CC0603-270G	270	25	16	25	600	1.78	199	G
CC0603-330G	330	25	14	25	300	2.20	179	G
CC0603-390G	390	25	16	25	240	2.47	169	G



### RECOMMENDED FOOT PRINT



### NOTES:

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

### TAPE AND REEL SPECS:

Pcs./Reel maximum:	3000
Pitch between parts:	4mm
Tape width:	8mm
Reel diameter inches:	7