

RF INDUCTORS - SURFACE MOUNT

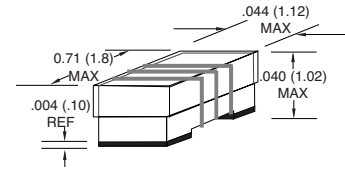


CC0603 RoHS Ceramic Wirewound RF Inductors

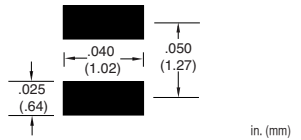


Outgassing Testing Qualified to ASTM E 595

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
CC0603-0018J	1.8	250	22	250	6000	.070	1000	J
CC0603-0033J	3.3	250	22	250	6000	.070	1000	J
CC0603-0036J	3.6	250	22	250	6000	.070	1000	J
CC0603-0039J	3.9	250	22	250	6000	.070	1000	J
CC0603-0047J	4.7	250	22	250	6000	.090	887	J
CC0603-0056J	5.6	250	22	250	5800	.100	841	J
CC0603-0068J	6.8	250	30	250	5800	.100	841	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	.240	543	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



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%
- Outgas Testing Qualified to ASTM E 595

TAPE AND REEL SPECS:

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