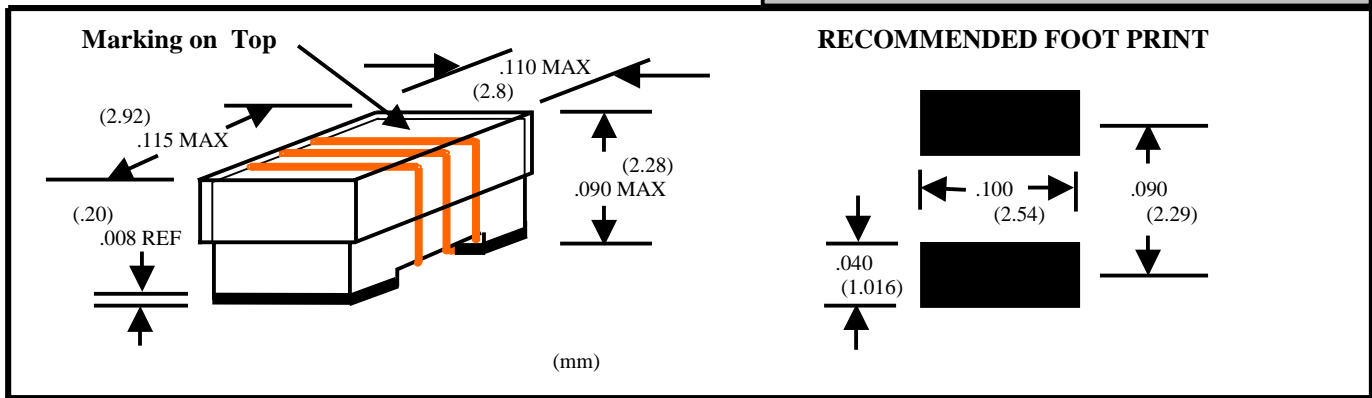




CC1008

SURFACE MOUNT INDUCTORS

- ◆ 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	MARKING
CC1008-010M	10	50	50	500	4100	.08	1000	M,K	10N
CC1008-012M	12	50	50	500	3300	.09	1000	M,K	12N
CC1008-015M	15	50	50	500	2500	.10	1000	M,K	15N
CC1008-018M	18	50	50	500	2500	.11	1000	M,K,J,G	18N
CC1008-022M	22	50	55	350	2400	.12	1000	M,K,J,G	22N
CC1008-027M	27	50	55	350	1600	.13	1000	M,K,J,G	27N
CC1008-033M	33	50	60	350	1600	.14	1000	M,K,J,G	33N
CC1008-039M	39	50	60	350	1500	.15	1000	M,K,J,G	39N
CC1008-047M	47	50	65	350	1500	.16	1000	M,K,J,G	47N
CC1008-056K	56	50	65	350	1300	.18	1000	K,J,G	56N
CC1008-068K	68	50	65	350	1300	.20	1000	K,J,G	68N
CC1008-082K	82	50	60	350	1000	.22	1000	K,J,G	82N
CC1008-100K	100	25	60	350	1000	.56	655	K,J,G	R10
CC1008-120K	120	25	60	350	950	.63	617	K,J,G	R12
CC1008-150K	150	25	45	100	850	.70	586	K,J,G	R15
CC1008-180K	180	25	45	100	750	.77	558	K,J,G	R18
CC1008-220K	220	25	45	100	700	.84	535	K,J,G	R22
CC1008-270K	270	25	45	100	600	.91	514	K,J,G	R27
CC1008-330K	330	25	45	100	570	1.05	478	K,J,G	R33
CC1008-390K	390	25	45	100	500	1.12	463	K,J,G	R39
CC1008-470K	470	25	45	100	450	1.19	449	K,J,G	R47
CC1008-560K	560	25	45	100	415	1.33	425	K,J,G	R56
CC1008-620K	620	25	45	100	375	1.40	414	K,J,G	R62



CC1008

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	MARKING
CC1008-680K	680	25	45	100	375	1.47	404	K,J,G	R68
CC1008-750K	750	25	45	100	360	1.54	395	K,J,G	R75
CC1008-820K	820	25	45	100	350	1.61	386	K,J,G	R82
CC1008-910K	910	25	35	50	320	1.68	378	K,J,G	R91
CC1008-101K	1000	25	35	50	290	1.75	370	K,J,G	1R0
CC1008-121K	1200	7.9	35	50	250	2.00	346	K,J,G	1R2
CC1008-151K	1500	7.9	28	50	200	2.30	323	K,J,G	1R5
CC1008-181K	1800	7.9	28	50	160	2.60	304	K,J,G	1R8
CC1008-221K	2200	7.9	28	50	160	2.80	293	K,J,G	2R2
CC1008-271K	2700	7.9	22	25	160	3.80	251	K,J,G	2R7
CC1008-331K	3300	7.9	22	25	150	4.20	239	K,J,G	3R3
CC1008-391K	3900	7.9	20	25	120	4.40	234	K,J,G	3R9
CC1008-471K	4700	7.9	20	25	90	4.90	221	K,J,G	4R7

Ceramic core, Terminations are Gold Plated Nickel

Inductance and Q measured using the HP4291A

SRF measured using the HP8753C

Suffix M = 20% Tolerance

K = 10%

J = 5%

G = 2%

