



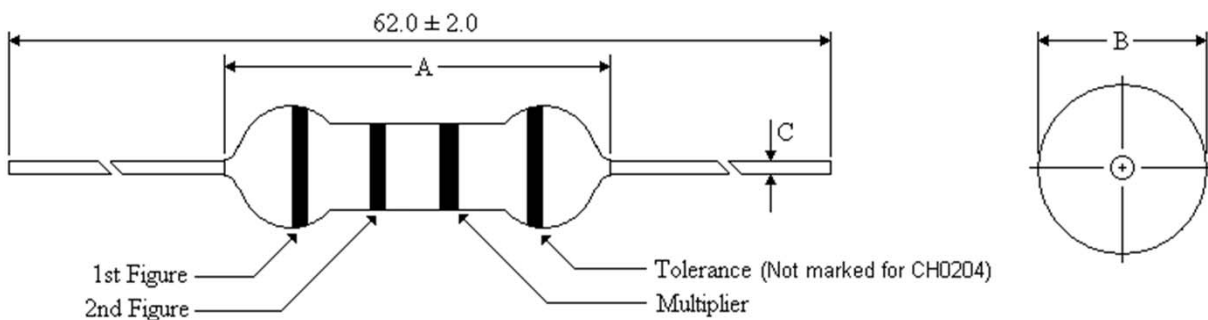
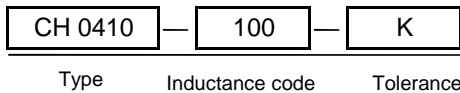
■ Features:

- Conformal coated inductors
- Treated with epoxy resin coating makes it high reliability
- CH0204/0307/0410/0510 with special magnetic core structure. contributes to high Q and high SRF.

■ Applications:

- Televisions, personal computers.
- Radios, telephones
- Others various electronic products

■ Parts code:



■ Dimensions in mm

TYPE	A	B	C	PACKAGING
CH 0204	4.0 Max	2.8 Max	0.50 ± 0.05	4000Pcs/Box
CH 0307	7.62 Max	3.0 Max	0.55 ± 0.05	3000Pcs/Box
CH 0410	10.5 Max	4.0 Max	0.65 ± 0.05	2000Pcs/Box
CH 0510	12.0 Max	5.0 Max	0.65 ± 0.05	1000Pcs/Box

■ Color code:

Color	NOMINAL INDUCTANCE (uH)			Tolerance
	1st Figure	2st Figure	Multiplier	
Black	0	0	1	± 20%
Brown	1	1	10	—
Red	2	2	100	—
Orange	3	3	1000	—
Yellow	4	4	—	—
Green	5	5	—	—
Blue	6	6	—	—
Violet	7	7	—	—
Grey	8	8	—	—
White	9	9	—	—
Gold	—	—	0.1	± 5%
Silver	—	—	0.01	± 10%

■ Specifications

Inductance		CH 0410				
		Q	Test Frequency	SRF	DC Resistance	Rated Current
Code	uH	(Min)	(L , Q) MHz	(MHz) Min	(Ω) Max	(mA) Max
R10	0.10	50	25.2	470	0.04	900
R12	0.12	50	25.2	450	0.06	900
R15	0.15	50	25.2	430	0.07	890
R18	0.18	50	25.2	410	0.07	890
R22	0.22	50	25.2	380	0.08	880
R27	0.27	50	25.2	340	0.09	800
R33	0.33	50	25.2	300	0.10	750
R39	0.39	50	25.2	280	0.12	680
R47	0.47	50	25.2	250	0.16	650
R56	0.56	50	25.2	230	0.18	600
R68	0.68	50	25.2	210	0.22	550
R82	0.82	50	25.2	172	0.24	980
1R0	1.0	50	25.2	157	0.09	920
1R2	1.2	50	7.96	144	0.10	880
1R5	1.5	55	7.96	131	0.23	830
1R8	1.8	60	7.96	121	0.25	790
2R2	2.2	80	7.96	110	0.28	750
2R7	2.7	85	7.96	100	0.30	720
3R3	3.3	90	7.96	94	0.34	670
3R9	3.9	90	7.96	86	0.37	640
4R7	4.7	90	7.96	80	0.39	620
5R6	5.6	80	7.96	74	0.43	590
6R8	6.8	80	7.96	58	0.48	550
8R2	8.2	85	7.96	53	0.52	530
100	10	85	7.96	45	0.58	500
120	12	75	2.52	30	0.63	480
150	15	75	2.52	20	0.72	460
180	18	70	2.52	14	0.77	430
220	22	65	2.52	9.9	0.84	410
270	27	65	2.52	7.6	0.94	390
330	33	55	2.52	6.3	1.03	370
390	39	55	2.52	6.3	1.12	350
470	47	45	2.52	6.3	1.22	340
560	56	45	2.52	6.2	1.34	320
680	68	40	2.52	5.7	1.47	305
820	82	35	2.52	5.3	1.62	290
101	100	30	2.52	4.8	1.80	275
121	120	70	0.796	3.8	3.70	185
151	150	80	0.796	3.5	4.20	175
181	180	80	0.796	3.3	4.60	165
221	220	70	0.796	3.0	5.10	155
271	270	70	0.796	2.8	5.80	145
331	330	65	0.796	2.6	6.40	137
391	390	65	0.796	2.4	7.00	133
471	470	60	0.796	2.25	7.70	126
561	560	60	0.796	2.10	8.50	120
681	680	55	0.796	1.95	9.40	113
821	820	55	0.796	1.85	12.0	100
102	1000	50	0.252	1.40	17.0	100

■ Notes : Tolerance: J= ± 5% K= ± 10% M = ± 20%