



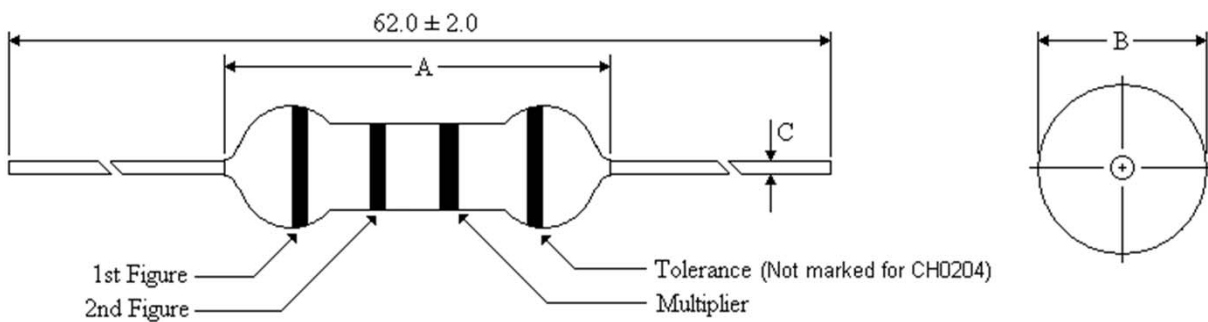
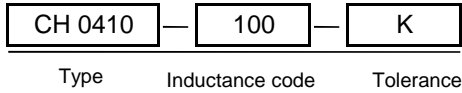
■ Features:

- 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 0204				
		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	250	0.030	700
R12	0.12	55	25.2	230	0.035	660
R15	0.15	55	25.2	200	0.040	620
R18	0.18	55	25.2	180	0.045	600
R22	0.22	55	25.2	160	0.050	400
R27	0.27	50	25.2	150	0.065	380
R33	0.33	50	25.2	150	0.075	370
R39	0.39	50	25.2	150	0.080	350
R47	0.47	60	25.2	150	0.085	330
R56	0.56	60	25.2	150	0.090	320
R68	0.68	50	25.2	120	0.10	310
R82	0.82	50	25.2	110	0.15	290
1R0	1.0	50	25.2	110	0.22	270
1R2	1.2	40	7.96	100	0.30	260
1R5	1.5	40	7.96	80	0.35	250
1R8	1.8	40	7.96	65	0.45	240
2R2	2.2	40	7.96	55	0.55	230
2R7	2.7	40	7.96	50	0.60	220
3R3	3.3	40	7.96	42	0.65	210
3R9	3.9	45	7.96	38	0.85	200
4R7	4.7	45	7.96	34	1.00	190
5R6	5.6	45	7.96	32	1.15	180
6R8	6.8	40	7.96	30	1.20	175
8R2	8.2	40	7.96	26	1.25	165
100	10	40	7.96	24	1.5	160
120	12	50	2.52	22	2.2	150
150	15	50	2.52	20	2.5	145
180	18	50	2.52	18	2.8	140
220	22	50	2.52	17	3.0	130
270	27	55	2.52	14	3.5	80
330	33	55	2.52	14	3.8	76
390	39	50	2.52	13	4.2	74
470	47	50	2.52	12	5.8	70
560	56	50	2.52	11	6.4	68
680	68	50	2.52	10	7.2	64
820	82	50	2.52	9.5	8.5	46
101	100	50	2.52	9.0	11	44
121	120	40	0.796	6.5	13	42
151	150	40	0.796	6.0	16	39
181	180	40	0.796	5.2	18	37
221	220	40	0.796	4.5	20	35
271	270	30	0.796	3.5	29	28
331	330	30	0.796	3.0	30	26
391	390	30	0.796	2.7	32	25
471	470	30	0.796	2.6	35	24
561	560	30	0.796	2.5	40	23
681	680	30	0.796	2.2	42	22
821	820	30	0.796	2.1	46	21
102	1000	30	0.796	2.0	52	20

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