



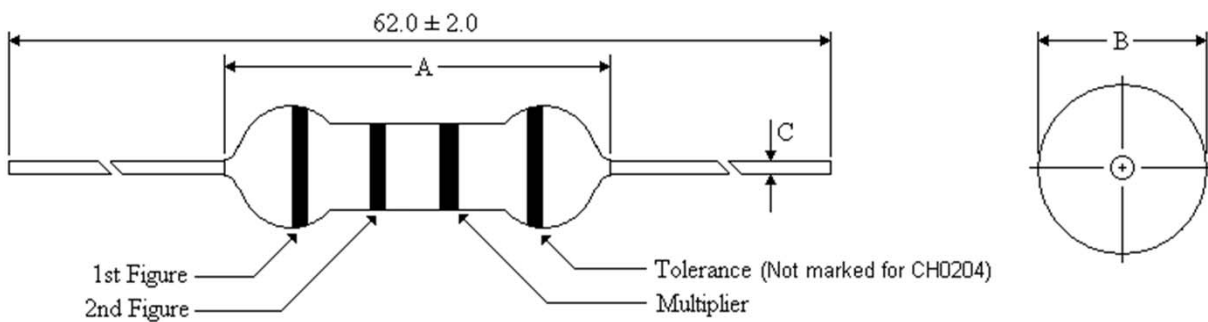
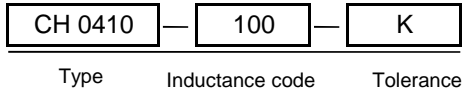
■ Features:

- 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 0307				
		Q	Test Frequency	SRF	DC Resistance	Rated Current
Code	Uh	(Min)	(L , Q) MHz	(MHz) Min	(Ω) Max	(mA) Max
R10	0.10	30	25.2	470	0.08	700
R12	0.12	40	25.2	450	0.08	700
R15	0.15	40	25.2	430	0.09	700
R18	0.18	40	25.2	410	0.10	700
R22	0.22	40	25.2	380	0.12	700
R27	0.27	40	25.2	360	0.15	680
R33	0.33	40	25.2	350	0.16	680
R39	0.39	40	25.2	320	0.18	680
R47	0.47	40	25.2	300	0.26	650
R56	0.56	40	25.2	280	0.38	500
R68	0.68	40	25.2	250	0.42	500
R82	0.82	40	25.2	200	0.55	450
1R0	1.0	65	25.2	180	0.12	700
1R2	1.2	50	7.96	165	0.18	740
1R5	1.5	50	7.96	150	0.20	700
1R8	1.8	70	7.96	125	0.23	655
2R2	2.2	50	7.96	110	0.25	630
2R7	2.7	60	7.96	95	0.28	595
3R3	3.3	60	7.96	75	0.30	575
3R9	3.9	60	7.96	65	0.32	555
4R7	4.7	50	7.96	50	0.35	530
5R6	5.6	50	7.96	40	0.40	500
6R8	6.8	50	7.96	30	0.45	470
8R2	8.2	50	7.96	28	0.55	425
100	10	50	7.96	22	0.72	370
120	12	50	2.52	20	0.80	350
150	15	50	2.52	16	0.88	335
180	18	50	2.52	15	1.00	315
220	22	60	2.52	13	1.20	285
270	27	60	2.52	11	1.35	270
330	33	50	2.52	10	1.50	255
390	39	50	2.52	9.5	1.70	240
470	47	60	2.52	8.5	2.30	205
560	56	60	2.52	7.5	2.60	195
680	68	60	2.52	6.5	2.90	185
820	82	55	2.52	6.0	3.20	175
101	100	60	2.52	5.5	3.50	165
121	120	75	0.796	5.4	3.80	160
151	150	75	0.796	4.75	4.40	150
181	180	75	0.796	4.35	5.00	140
221	220	75	0.796	4.0	5.70	130
271	270	70	0.796	3.7	6.50	120
331	330	70	0.796	3.4	9.50	100
391	390	70	0.796	2.8	10.5	95
471	470	70	0.796	2.55	12.5	90
561	560	70	0.796	2.35	14.5	85
681	680	70	0.796	2.0	18.0	75
821	820	60	0.796	1.6	23.7	65
102	1000	60	0.796	1.2	30.0	60

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