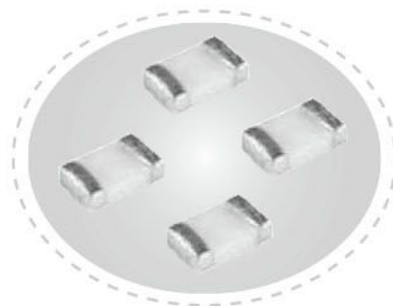




## CH SERIES

Multilayer Chip Ceramics Inductors



### FEATURES

- 1.As self resonance frequency is high.
- 2.Monolithic structure for high reliability.
- 3.Small chip inductor, Can be mounted with surface mounition equipment with no directionality.
- 4.Excellent in solderability and high heat resistance with either flow or reflow soklering.

### 特徵

- 1.自諧頻率高。
- 2.陶瓷結構，可靠性高。
- 3.小體積，無引綫結構，適用於SMT設備自動貼裝。
- 4.可焊性和耐焊性優，適用於流焊和再流焊。

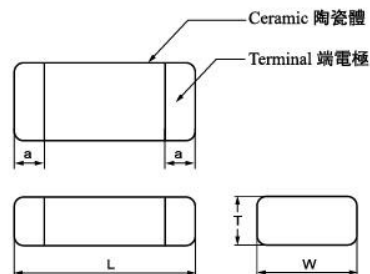
### ORDERING CODE (標志示例)

CH 1608 - 68N K  
(1) (2) (3) (4)

- (1). Type 類型  
(2). Dimensions 尺寸  
(3). Inductance 電感量  
(4). Inductance Tolerance 電感量公差

S:  $\pm 0.3$  D:  $\pm 0.5$  G:  $\pm 2\%$  H:  $\pm 3\%$  J:  $\pm 5\%$  K:  $\pm 10\%$

### SHAPE AND DIMENSIONS (形狀尺寸)



Unit:mm

TYPE	L	W	T	a
CH060303 (0201)	0.6 $\pm$ 0.03	0.3 $\pm$ 0.03	0.3 $\pm$ 0.03	0.10 $\pm$ 0.20
CH1005 (0402)	1.0 $\pm$ 0.15	0.5 $\pm$ 0.15	0.5 $\pm$ 0.15	0.25 $\pm$ 0.15
CH1608 (0603)	1.6 $\pm$ 0.15	0.8 $\pm$ 0.15	0.8 $\pm$ 0.15	0.3 $\pm$ 0.20



## CH060303 SERIES

Part No. 品名	Inductance 電阻抗 (nH)	Tolerance 公差 (nH or %)	Q MIN Q值	Test Freq 測試頻率 (MHz)	SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω)(Max)	Rated Current 額定電流 (mA)(Max)
CH060303-0N3 □	0.3	S,G,H	4	100	10000	0.07	250
CH060303-0N5 □	0.5	S,G,H	4	100	10000	0.08	250
CH060303-0N7 □	0.7	S,G,H	4	100	10000	0.09	250
CH060303-0N9 □	0.9	S,G,H	4	100	10000	0.10	250
CH060303-1N0 □	1.0	S,G,H	4	100	10000	0.14	250
CH060303-1N1 □	1.1	S,G,H	4	100	10000	0.14	250
CH060303-1N2 □	1.2	S,G,H	4	100	10000	0.14	250
CH060303-1N5 □	1.5	S,G,H	4	100	10000	0.18	230
CH060303-1N6 □	1.6	S,G,H	4	100	10000	0.18	230
CH060303-1N8 □	1.8	S,G,H	4	100	10000	0.19	200
CH060303-2N0 □	2.0	S,G,H	4	100	8800	0.20	200
CH060303-2N1 □	2.1	S,G,H	4	100	8800	0.20	200
CH060303-2N2 □	2.2	S,G,H	4	100	8800	0.22	200
CH060303-2N4 □	2.4	S,G,H	4	100	8300	0.24	200
CH060303-2N7 □	2.7	S,G,H	5	100	7700	0.25	200
CH060303-3N0 □	3.0	S,G,H	5	100	7200	0.28	180
CH060303-3N3 □	3.3	S,G,H	5	100	6700	0.30	180
CH060303-3N9 □	3.9	S,G,H	5	100	6000	0.30	170
CH060303-4N7 □	4.7	S,G,H	5	100	5300	0.40	150
CH060303-5N1 □	5.1	S,G,H	5	100	5000	0.40	150
CH060303-5N6 □	5.6	S,G,H	5	100	4200	0.40	150
CH060303-6N2 □	6.2	S,G,H	5	100	3800	0.44	150
CH060303-6N8 □	6.8	S,D	5	100	3500	0.45	150
CH060303-8N2 □	8.2	J,H	5	100	3200	0.53	150
CH060303-9N1 □	9.1	J,H	5	100	3000	0.55	150
CH060303-10N □	10	J,H	5	100	2800	0.62	150
CH060303-12N □	12	J,H	5	100	2400	0.65	100
CH060303-15N □	15	J,H	5	100	2200	0.70	100
CH060303-18N □	18	J,H	5	100	2200	0.80	100
CH060303-22N □	22	J,H	5	100	1800	0.90	100
CH060303-27N □	27	J,H	4	100	1800	1.20	50
CH060303-33N □	33	J	4	100	1700	1.80	50
CH060303-39N □	39	J	4	100	1500	2.40	50
CH060303-47N □	47	J	4	100	1300	2.80	100
CH060303-56N □	56	J	4	100	1100	3.00	80
CH060303-68N □	68	J	4	100	1100	2.66	80
CH060303-82N □	82	J	4	100	1000	3.37	70
CH060303-R10 □	100	J	4	100	900	3.74	60

□ Tolerance: S:±0.3, D:±0.5, G:±2%, H:±3%, J:±5%, K:±10%



## CH1005 SERIES

Part No. 品名	Inductance 電感量 (nH)	Tolerance 公差 (nH or %)	Q值 (Min)	Test Freq 測試頻率 (MHz)	Q(type)Freq(MHz)						SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω)(Max)	Rated Current 額定電流 (mA)(Max)
					100	300	500	800	1000	1800			
CH1005-1N0S	1.0	S	8	100	11	21	25	33	35	52	6000	0.10	400
CH1005-1N2S	1.2	S	8	100	11	21	25	33	35	52	6000	0.10	400
CH1005-1N5S	1.5	S	8	100	11	21	25	33	35	52	6000	0.13	400
CH1005-1N8S	1.8	S	8	100	10	18	21	29	32	49	6000	0.14	400
CH1005-2N2S	2.2	S	8	100	10	17	21	28	31	47	6000	0.16	400
CH1005-2N7S	2.7	S	8	100	10	17	21	28	31	46	5500	0.17	400
CH1005-3N3S	3.3	S	8	100	10	17	21	28	31	46	5500	0.19	400
CH1005-3N9S	3.9	S	8	100	10	17	21	28	31	45	5200	0.22	400
CH1005-4N7D	4.7	D	8	100	10	17	21	28	31	45	4800	0.24	400
CH1005-5N6D	5.6	D	8	100	10	17	21	25	29	44	4600	0.27	400
CH1005-6N8D	6.8	D	8	100	10	18	21	26	30	44	4000	0.23	300
CH1005-8N2D	8.2	D	8	100	10	18	21	26	30	43	3600	0.28	300
CH1005-10N □	10	D、J	8	100	10	18	21	26	30	42	3200	0.31	300
CH1005-12N □	12	D、J	8	100	10	17	21	24	27	33	2800	0.45	300
CH1005-15N □	15	D、J	8	100	10	17	20	23	26	27	2500	0.55	300
CH1005-18N □	18	D、J	8	100	10	17	20	21	23	9	2200	0.65	300
CH1005-22N □	22	D、J	8	100	10	18	21	22	23	-	2000	0.80	200
CH1005-27N □	27	D、J	8	100	10	18	20	21	22	-	1600	0.90	200
CH1005-33N □	33	D、J	8	100	10	18	20	21	21	-	1300	1.00	200
CH1005-39N □	39	D、J	8	100	10	18	19	20	17	-	1200	1.00	200
CH1005-47N □	47	D、J	8	100	10	18	19	18	-	-	1000	1.10	200
CH1005-56N □	56	D、J	8	100	10	18	19	13	-	-	900	1.40	200
CH1005-68N □	68	D、J	8	100	10	18	19	13	-	-	900	1.80	180
CH1005-82N □	82	D、J	8	100	10	18	19	13	-	-	900	2.00	150
CH1005-R10 □	100	D、J	8	100	10	18	19	13	-	-	900	2.00	150
CH1005-R12 □	120	D、J	8	100	10	18	19	13	-	-	600	2.00	150
CH1005-R15 □	150	D、J	8	100	10	18	19	13	-	-	550	2.40	140
CH1005-R18 □	180	D、J	8	100	10	18	19	13	-	-	500	3.70	130
CH1005-R22 □	220	D、J	8	100	10	18	19	13	-	-	450	4.20	120
CH1005-R27 □	270	D、J	8	100	10	18	19	13	-	-	450	4.80	110

□ Tolerance:S:±0.3 , D:±0.5 , G:±2% ,H:±3% , J:±5% ,K:±10%



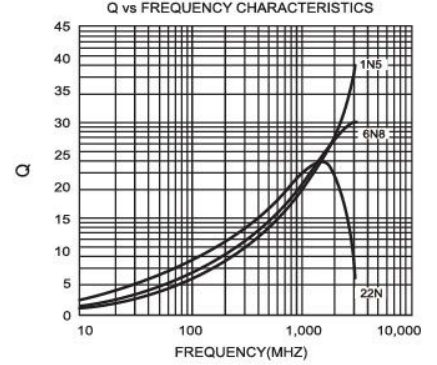
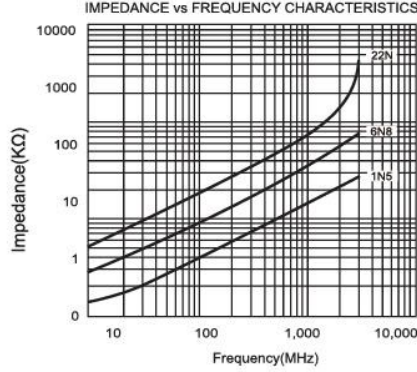
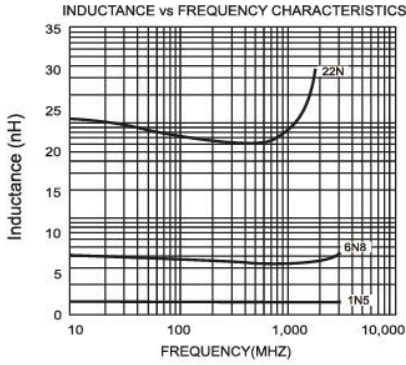
## CH1608 SERIES

Part No. 品名	Inductance 電感量 (nH)	Tolerance 公差 (nH or %)	Q值 (Min)	Test Freq 測試頻率 (MHz)	Q(type)Freq(MHz)						SRF(MHz) 自諧頻率 (MIN)	D.C.Resistance 直流電阻 (Ω)(Max)	Rated Current 額定電流 (mA)(Max)
					100	300	500	800	1000	1800			
CH1608-1N0S	1.0	S、D	8	100	12	22	37	38	68	85	6000	0.10	500
CH1608-1N2S	1.2	S、D	8	100	12	22	37	38	68	85	6000	0.10	500
CH1608-1N5S	1.5	S、D	8	100	12	22	37	38	68	85	6000	0.10	500
CH1608-1N8S	1.8	S、D	8	100	12	21	33	35	61	85	6000	0.12	500
CH1608-2N2S	2.2	S、D	8	100	12	26	40	39	60	85	6000	0.20	500
CH1608-2N7S	2.7	S、D	8	100	12	23	27	37	47	85	6000	0.20	500
CH1608-3N3S	3.3	S、D	8	100	12	23	27	36	47	77	6000	0.20	500
CH1608-3N9S	3.9	S、D	8	100	12	25	28	38	47	73	6000	0.20	500
CH1608-4N7D	4.7	D、G	8	100	12	26	30	38	49	81	6000	0.20	500
CH1608-5N6D	5.6	D、G	8	100	12	26	29	35	34	28	5500	0.30	500
CH1608-6N8D	6.8	D、G	8	100	12	23	27	35	40	63	5300	0.30	500
CH1608-8N2D	8.2	D、G	8	100	12	22	26	33	39	50	5100	0.30	500
CH1608-10N □	10	J、K	8	100	14	25	31	38	45	64	4800	0.50	300
CH1608-12N □	12	J、K	8	100	14	24	28	35	39	50	4500	0.50	300
CH1608-15N □	15	J、K	8	100	14	22	27	34	40	45	4200	0.60	300
CH1608-18N □	18	J、K	8	100	14	24	28	35	38	37	3900	0.60	300
CH1608-22N □	22	J、K	8	100	15	27	32	38	43	36	3600	0.60	300
CH1608-27N □	27	J、K	8	100	15	26	29	36	44	32	3300	0.80	300
CH1608-33N □	33	J、K	8	100	15	26	30	35	34	12	3000	0.80	300
CH1608-39N □	39	J、K	8	100	15	22	25	28	28	6	2500	0.80	300
CH1608-47N □	47	J、K	8	100	15	25	29	30	25	-	2400	1.00	300
CH1608-56N □	56	J、K	8	100	15	28	31	31	25	-	2200	1.00	300
CH1608-68N □	68	J、K	8	100	15	22	25	22	15	-	1000	1.00	300
CH1608-82N □	82	J、K	8	100	15	23	24	22	-	-	800	1.00	300
CH1608-R10 □	100	J、K	8	100	15	25	27	16	-	-	700	1.00	300
CH1608-R12 □	120	J、K	8	100	15	24	23	-	-	-	600	1.20	300
CH1608-R15 □	150	J、K	8	100	15	19	16	-	-	-	500	1.40	300
CH1608-R18 □	180	J、K	8	100	15	18	12	-	-	-	400	1.60	300
CH1608-R22 □	220	J、K	8	100	15	16	-	-	-	-	350	1.80	300
CH1608-R27 □	270	J、K	8	50	15	16	-	-	-	-	350	1.90	300
CH1608-R33 □	330	J、K	8	50	15	16	-	-	-	-	350	2.00	300
CH1608-R39 □	390	J、K	8	50	15	16	-	-	-	-	350	2.10	300

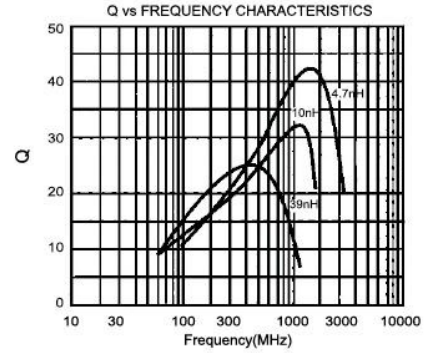
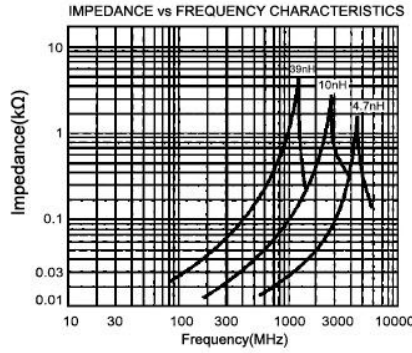
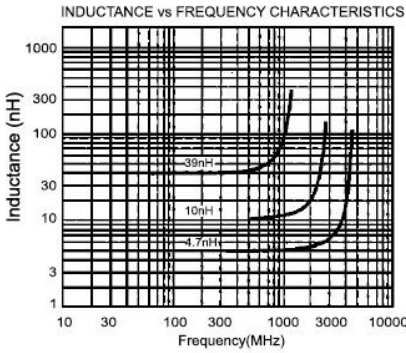
□ Tolerance: S:±0.3, D:±0.5, G:±2%, H:±3%, J:±5%, K:±10%



## CH060303 TYPE



## CH1005 Type



## CH1608 Type

