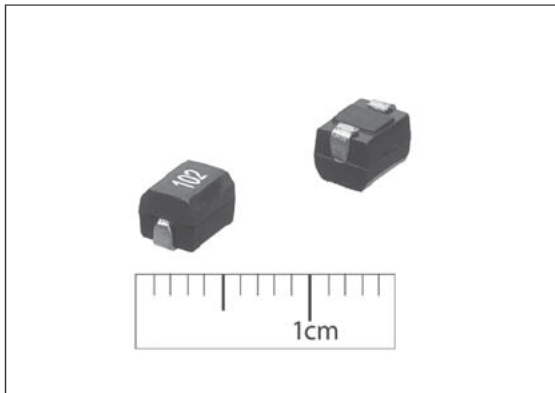


WIRE WOUND CHIP INDUCTORS (CC SERIES)

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● PART NUMBERING

CC- □□□ □ □□ □ □□
(1) (2) (3) (4) (5) (6)

- (1) Series
- (2) Inductance
- (3) Tolerance
- (4) Dimension
- (5) Material
- (6) Internal Serial No.

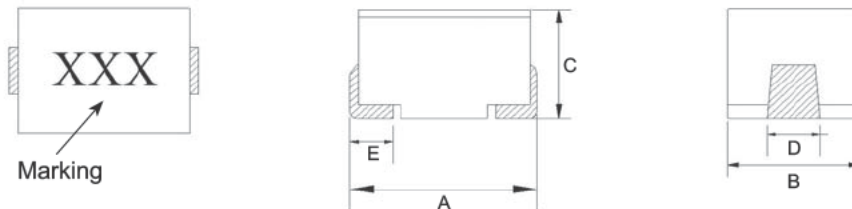
● FEATURES

- Leaching resistant terminations due to metal tab electrodes.
- Providing high Q in the small winding structure.
- Accurate dimensions and resistant to mechanical shock or pressure.
- High resistance to heat and humidity.
- Low RDC and large current type available.

● APPLICATIONS

- LCD TVs, personal computers, HDDs
- Video cameras, portable VCRs
- Car radios, car stereos, thin type radios
- Television tuners, mobile phones, radio equipment, and other various electronics appliances

● CONFIGURATIONS & DIMENSIONS



Unit : mm

SERIES	A	B	C	D	E
CC 071	3.2±0.2	2.5±0.2	2.2±0.2	1.2±0.4	0.6±0.1
CC 091	4.5±0.3	3.2±0.3	3.2±0.3	1.4±0.4	0.9±0.2
CC 101	5.8±0.3	5.2±0.3	5.2±0.3	1.8±0.3	1.3±0.2

- For packaging information, please refer to page P.193.
- Operating temperature range : 25°C to +85°C

CC
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WIRE WOUND CHIP INDUCTORS (CC SERIES)

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● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	L (μ H)	Q (Min.)	FREQ. (MHz)	SRF (MHz, Min.)	DCR (Ω , Max.)	IDC (mA, Max.)
CC 10C□071□□	CMG322522 10N□	0.010	15	100	2500	0.13	450
CC 12C□071□□	CMG322522 12N□	0.012	17	100	2300	0.14	450
CC 15C□071□□	CMG322522 15N□	0.015	19	100	2100	0.16	450
CC 18C□071□□	CMG322522 18N□	0.018	21	100	1900	0.18	450
CC 22C□071□□	CMG322522 22N□	0.022	23	100	1700	0.20	450
CC 27C□071□□	CMG322522 27N□	0.027	23	100	1500	0.22	450
CC 33C□071□□	CMG322522 33N□	0.033	25	100	1400	0.24	450
CC 39C□071□□	CMG322522 39N□	0.039	25	100	1300	0.27	450
CC 47C□071□□	CMG322522 47N□	0.047	26	100	1200	0.30	450
CC 56C□071□□	CMG322522 56N□	0.056	26	100	1100	0.33	450
CC 68C□071□□	CMG322522 68N□	0.068	27	100	1000	0.36	450
CC 82C□071□□	CMG322522 39N□	0.082	27	100	900	0.40	450
CC 10B□071□□	CMG322522 R10□	0.10	28	100	700	0.44	450
CC 12B□071□□	CMG322522 R12□	0.12	30	25.2	500	0.22	450
CC 15B□071□□	CMG322522 R15□	0.15	30	25.2	450	0.25	450
CC 18B□071□□	CMG322522 R18□	0.18	30	25.2	400	0.28	450
CC 22B□071□□	CMG322522 R22□	0.22	30	25.2	350	0.32	450
CC 33B□071□□	CMG322522 R33□	0.33	30	25.2	300	0.40	450
CC 39B□071□□	CMG322522 R39□	0.39	30	25.2	250	0.45	450
CC 47B□071□□	CMG322522 R47□	0.47	30	25.2	220	0.50	450
CC 56B□071□□	CMG322522 R56□	0.56	30	25.2	180	0.55	450
CC 68B□071□□	CMG322522 R68□	0.68	30	25.2	160	0.60	450
CC 82B□071□□	CMG322522 R82□	0.82	30	25.2	140	0.65	450
CC 10A□071□□	CMG322522 1R0□	1.0	30	7.96	90	0.70	400
CC 12A□071□□	CMG322522 1R2□	1.2	30	7.96	85	0.75	390
CC 15A□071□□	CMG322522 1R5□	1.5	30	7.96	70	0.85	370
CC 18A□071□□	CMG322522 1R8□	1.8	30	7.96	60	0.90	350
CC 22A□071□□	CMG322522 2R2□	2.2	30	7.96	50	1.00	320
CC 27A□071□□	CMG322522 2R7□	2.7	30	7.96	45	1.10	290
CC 33A□071□□	CMG322522 3R3□	3.3	30	7.96	40	1.20	260
CC 39A□071□□	CMG322522 3R9□	3.9	30	7.96	37	1.30	250
CC 47A□071□□	CMG322522 4R7□	4.7	30	7.96	32	1.50	220
CC 56A□071□□	CMG322522 5R6□	5.6	30	7.96	30	1.60	200
CC 68A□071□□	CMG322522 6R8□	6.8	30	7.96	28	1.80	180
CC 82A□071□□	CMG322522 8R2□	8.2	30	7.96	25	2.00	170
CC 100□071□□	CMG322522 100□	10	30	2.52	23	2.10	150
CC 120□071□□	CMG322522 120□	12	30	2.52	20	2.50	140
CC 150□071□□	CMG322522 150□	15	30	2.52	19	2.80	130
CC 180□071□□	CMG322522 180□	18	30	2.52	17	3.30	120
CC 220□071□□	CMG322522 220□	22	30	2.52	16	3.70	110
CC 270□071□□	CMG322522 270□	27	30	2.52	14	5.00	80
CC 330□071□□	CMG322522 330□	33	30	2.52	13	5.60	70
CC 390□071□□	CMG322522 390□	39	30	2.52	12	6.40	65
CC 470□071□□	CMG322522 470□	47	30	2.52	10	7.00	60
CC 560□071□□	CMG322522 560□	56	30	2.52	9	8.00	55
CC 680□071□□	CMG322522 680□	68	30	2.52	9	9.00	50
CC 820□071□□	CMG322522 820□	82	30	2.52	8	10.0	45
CC 101□071□□	CMG322522 101□	100	20	0.796	7	10.0	40
CC 121□071□□	CMG322522 121□	120	20	0.796	7	11.0	70
CC 151□071□□	CMG322522 151□	150	20	0.796	6	15.0	65
CC 181□071□□	CMG322522 181□	180	20	0.796	6	17.0	60
CC 221□071□□	CMG322522 221□	220	20	0.796	5	21.0	50
CC 271□071□□	CMG322522 271□	270	20	0.796	6	22.0	45
CC 331□071□□	CMG322522 331□	330	20	0.796	5	34.0	40

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WIRE WOUND CHIP INDUCTORS (CC SERIES)

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● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	L (μ H)	Q (Min.)	FREQ. (MHz)	SRF (MHz, Min.)	DCR (Ω , Max.)	IDC (mA, Max.)
CC 10B□091□□	CMG453232 R10□	0.10	28	25.2	700	0.44	450
CC 12B□091□□	CMG453232 R12□	0.12	30	25.2	500	0.22	450
CC 15B□091□□	CMG453232 R15□	0.15	30	25.2	450	0.25	450
CC 18B□091□□	CMG453232 R18□	0.18	30	25.2	400	0.28	450
CC 22B□091□□	CMG453232 R22□	0.22	30	25.2	350	0.32	450
CC 27B□091□□	CMG453232 R27□	0.27	30	25.2	320	0.36	450
CC 33B□091□□	CMG453232 R33□	0.33	30	25.2	300	0.40	450
CC 39B□091□□	CMG453232 R39□	0.39	30	25.2	250	0.45	450
CC 47B□091□□	CMG453232 R47□	0.47	30	25.2	220	0.50	450
CC 56B□091□□	CMG453232 R56□	0.56	30	25.2	180	0.55	450
CC 68B□091□□	CMG453232 R68□	0.68	30	25.2	160	0.60	450
CC 82B□091□□	CMG453232 R82□	0.82	30	25.2	140	0.67	450
CC 10A□091□□	CMG453232 1R0□	1.00	50	7.96	100	0.50	450
CC 12A□091□□	CMG453232 1R2□	1.20	50	7.96	80	0.55	430
CC 15A□091□□	CMG453232 1R5□	1.50	50	7.96	70	0.60	410
CC 18A□091□□	CMG453232 1R8□	1.80	50	7.96	60	0.65	390
CC 22A□091□□	CMG453232 2R2□	2.20	50	7.96	55	0.70	380
CC 27A□091□□	CMG453232 2R7□	2.70	50	7.96	50	0.75	370
CC 33A□091□□	CMG453232 3R3□	3.30	50	7.96	45	0.80	355
CC 39A□091□□	CMG453232 3R9□	3.90	50	7.96	40	0.90	330
CC 47A□091□□	CMG453232 4R7□	4.70	50	7.96	35	1.00	315
CC 56A□091□□	CMG453232 5R6□	5.60	50	7.96	33	1.10	300
CC 68A□091□□	CMG453232 6R8□	6.80	50	7.96	27	1.20	285
CC 82A□091□□	CMG453232 8R2□	8.20	50	7.96	25	1.40	270
CC 100□091□□	CMG453232 100□	10	50	2.52	20	1.60	250
CC 120□091□□	CMG453232 120□	12	50	2.52	18	2.00	225
CC 150□091□□	CMG453232 150□	15	50	2.52	17	2.50	200
CC 180□091□□	CMG453232 180□	18	50	2.52	15	2.80	190
CC 220□091□□	CMG453232 220□	22	50	2.52	13	3.20	180
CC 270□091□□	CMG453232 270□	27	50	2.52	12	3.60	170
CC 330□091□□	CMG453232 330□	33	50	2.52	11	4.00	160
CC 390□091□□	CMG453232 390□	39	50	2.52	10	4.50	150
CC 470□091□□	CMG453232 470□	47	50	2.52	10	5.00	140
CC 560□091□□	CMG453232 560□	56	50	2.52	9	5.50	135
CC 680□091□□	CMG453232 680□	68	50	2.52	9	6.00	130
CC 820□091□□	CMG453232 820□	82	50	2.52	8	7.00	120
CC 101□091□□	CMG453232 101□	100	40	0.796	8	8.00	110
CC 121□091□□	CMG453232 121□	120	40	0.796	6	8.00	110
CC 151□091□□	CMG453232 151□	150	40	0.796	5	9.00	105
CC 181□091□□	CMG453232 181□	180	40	0.796	5	9.50	102
CC 221□091□□	CMG453232 221□	220	40	0.796	4	12.0	100
CC 271□091□□	CMG453232 271□	270	30	0.796	4	18.0	92
CC 331□091□□	CMG453232 331□	330	30	0.796	3.5	20.0	85
CC 391□091□□	CMG453232 391□	390	30	0.796	3	23.0	80
CC 471□091□□	CMG453232 471□	470	30	0.796	3	26.0	62
CC 561□091□□	CMG453232 561□	560	30	0.796	3	30.0	50
CC 681□091□□	CMG453232 681□	680	30	0.796	3	40.0	50
CC 821□091□□	CMG453232 821□	820	30	0.796	2.5	45.0	30
CC 102□091□□	CMG453232 102□	1000	30	0.796	2.5	50.0	30

CC
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WIRE WOUND CHIP INDUCTORS (CC SERIES)

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● ELECTRICAL CHARACTERISTICS

New Part No.	Old Part No.	L (μ H)	Q (Min.)	FREQ. (MHz)	SRF (MHz, Min.)	DCR (Ω , Max.)	IDC (mA, Max.)
CC 122□101□□	CMG565050 122□	1200	30	0.252	1.5	17.0	75
CC 152□101□□	CMG565050 152□	1500	30	0.252	1.4	20.0	70
CC 182□101□□	CMG565050 182□	1800	30	0.252	1.3	30.0	60
CC 222□101□□	CMG565050 222□	2200	30	0.252	1.2	35.0	55
CC 272□101□□	CMG565050 272□	2700	30	0.252	1.1	55.0	45
CC 332□101□□	CMG565050 332□	3300	30	0.252	1.0	60.0	40
CC 392□101□□	CMG565050 392□	3900	30	0.252	1.0	70.0	38
CC 472□101□□	CMG565050 472□	4700	30	0.252	0.9	78.0	36
CC 562□101□□	CMG565050 562□	5600	30	0.252	0.8	85.0	33
CC 682□101□□	CMG565050 682□	6800	30	0.252	0.7	110	30
CC 822□101□□	CMG565050 822□	8200	30	0.252	0.6	125	28
CC 103□101□□	CMG565050 103□	10000	20	0.0796	0.5	150	25

• Operating temperature range : 25°C to +85°C

CC
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