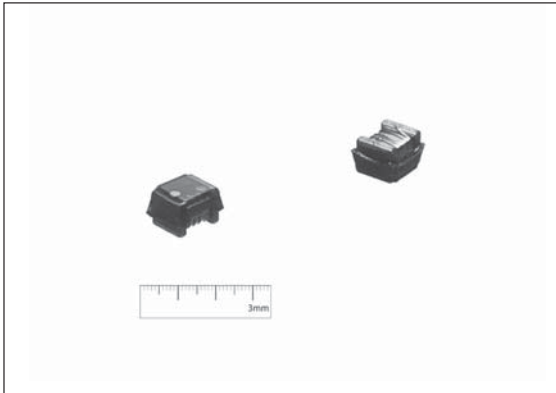


WIRE WOUND CHIP INDUCTORS (CC SERIES-Large Current Series)

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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.

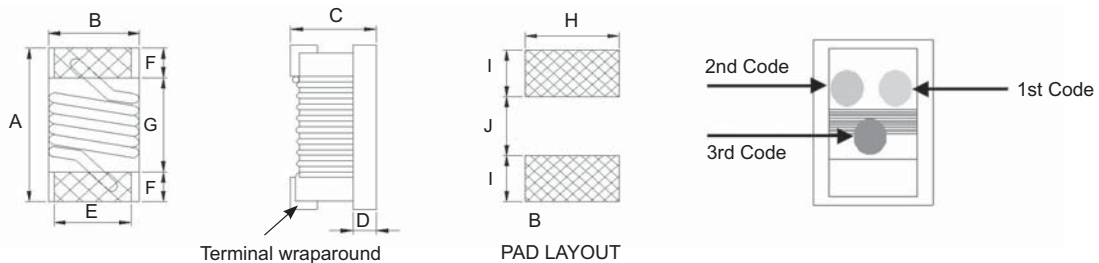
● FEATURES

- 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 DCR 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	F	G	H	I	J
CC-053	2.92+0	2.79+0	2.20+0	0.51	2.03	0.51	1.52	2.54	1.02	1.27
CC-073	3.70+0	2.90+0	2.60+0	0.51	2.40	0.51	2.18	2.70	1.00	2.00

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

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WIRE WOUND CHIP INDUCTORS (CC SERIES-Large Current 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.)	Color Code		
								1ST	2ND	3RD
CC-10A□053□□	CMG252018-1R0□L15	1.0	25	7.96	300	0.34	1500	Brown	Black	Red
CC-15A□053□□	CMG252018-1R5□L14	1.5	25	7.96	270	0.42	1400	Brown	Green	Red
CC-22A□053□□	CMG252018-2R2□L12	2.2	25	7.96	140	0.50	1200	Red	Red	Red
CC-33A□053□□	CMG252018-3R3□L10	3.3	25	7.96	95	0.65	1000	Orange	Orange	Red
CC-47A□053□□	CMG252018-4R7□L08	4.7	25	7.96	90	0.80	800	Yellow	Violet	Red
CC-68A□053□□	CMG252018-6R8□L07	6.8	25	7.96	68	1.00	730	Blue	Gray	Red
CC-100□053□□	CMG252018-100□L07	10	20	2.52	45	1.50	700	Brown	Black	Orange
CC-150□053□□	CMG252018-150□L05	15	20	2.52	40	2.20	500	Brown	Green	Orange
CC-220□053□□	CMG252018-220□L04	22	20	2.52	25	2.70	470	Red	Red	Orange
CC-330□053□□	CMG252018-330□L04	33	20	2.52	25	4.00	400	Orange	Orange	Orange
CC-470□053□□	CMG252018-470□L03	47	16	2.52	20	8.00	300	Yellow	Violet	Orange

New Part No.	Old Part No.	L (μ H)	Q (Min.)	FREQ. (MHz)	SRF (MHz, Min.)	DCR (Ω , Max.)	IDC (mA, Max.)	Color Code		
								1ST	2ND	3RD
CC-47B□073□□	CMG322522-R47□L18	0.47	40	25.2	450	0.07	1800	Yellow	Violet	Brown
CC-10A□073□□	CMG322522-1R0□L15	1.0	20	7.96	100	0.08	1500	Brown	Black	Red
CC-12A□073□□	CMG322522-1R2□L14	1.2	20	7.96	90	0.08	1400	Brown	Red	Red
CC-15A□073□□	CMG322522-1R5□L11	1.5	20	7.96	80	0.13	1125	Brown	Green	Red
CC-18A□073□□	CMG322522-1R8□L09	1.8	20	7.96	70	0.13	970	Brown	Gray	Red
CC-22A□073□□	CMG322522-2R2□L09	2.2	20	7.96	68	0.13	970	Red	Red	Red
CC-33A□073□□	CMG322522-3R3□L08	3.3	20	7.96	54	0.16	837	Orange	Orange	Red
CC-47A□073□□	CMG322522-4R7□L06	4.7	20	7.96	43	0.23	675	Yellow	Violet	Red
CC-56A□073□□	CMG322522-5R6□L06	5.6	20	7.96	36	0.26	620	Yellow	Violet	Red
CC-68A□073□□	CMG322522-6R8□L06	6.8	20	7.96	33	0.27	600	Blue	Gray	Red
CC-82A□073□□	CMG322522-8R2□L05	8.2	20	7.96	30	0.32	580	Gray	Red	Red
CC-100□073□□	CMG322522-100□L05	10	15	2.52	28	0.36	520	Brown	Black	Orange
CC-150□073□□	CMG322522-150□L04	15	15	2.52	19	0.56	480	Brown	Green	Orange
CC-220□073□□	CMG322522-220□L03	22	15	2.52	16	0.77	310	Red	Red	Orange
CC-270□073□□	CMG322522-270□L02	27	15	2.52	13	1.00	280	Red	Violet	Orange
CC-330□073□□	CMG322522-330□L02	33	15	2.52	12	1.10	270	Orange	Orange	Orange
CC-470□073□□	CMG322522-470□L02	47	15	2.52	10	1.64	210	Yellow	Violet	Orange
CC-680□073□□	CMG322522-680□L01	68	15	2.52	9	2.80	189	Blue	Gray	Orange
CC-101□073□□	CMG322522-101□L01	100	15	0.796	6	3.70	145	Brown	Black	Yellow
CC-151□073□□	CMG322522-151□L01	150	15	0.796	5	6.10	120	Brown	Green	Yellow
CC-181□073□□	CMG322522-181□L01	180	15	0.796	4	8.00	105	Brown	Gray	Yellow
CC-221□073□□	CMG322522-221□L01	220	15	0.796	4	8.40	100	Red	Red	Yellow
CC-331□073□□	CMG322522-331□L00	330	15	0.796	3.5	12.3	80	Orange	Orange	Yellow
CC-471□073□□	CMG322522-471□L00	470	15	0.796	2.8	22.0	75	Yellow	Violet	Yellow
CC-561□073□□	CMG322522-561□L00	560	15	0.796	2.5	23.0	65	Green	Blue	Yellow
CC-681□073□□	CMG322522-681□L00	680	15	0.796	2.0	28.0	65	Blue	Gray	Yellow

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

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