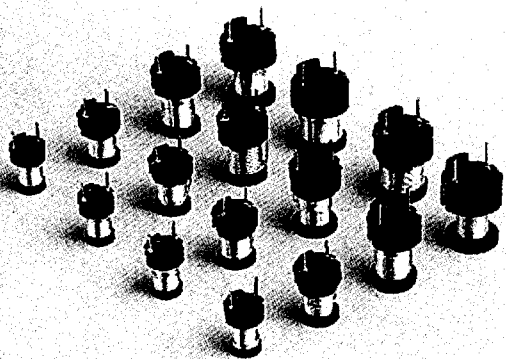


Inductors (Base Type)



Features

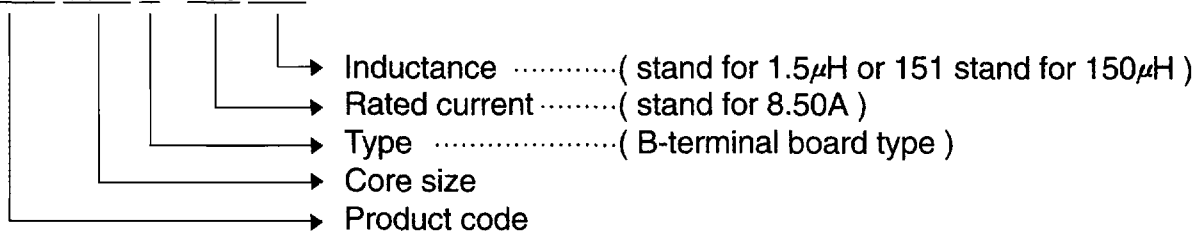
- High power inductors featuring small size and high performance.
- High current, Low leakage flux.
- Adoption of high- μ and high - B_m ferrite cores.

Applications

- Oscillation.
- Choke.
- EMI filter.
- CTV, VCR, Audio, PC, Facsimile.

Classification

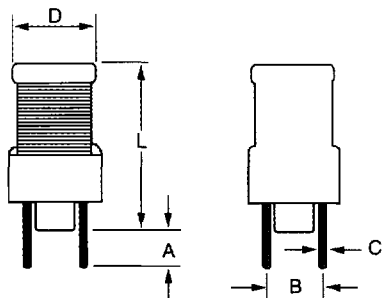
CCDR 0811 B - 850 1R5



Custom made coils with different inductance and rated current available on request.

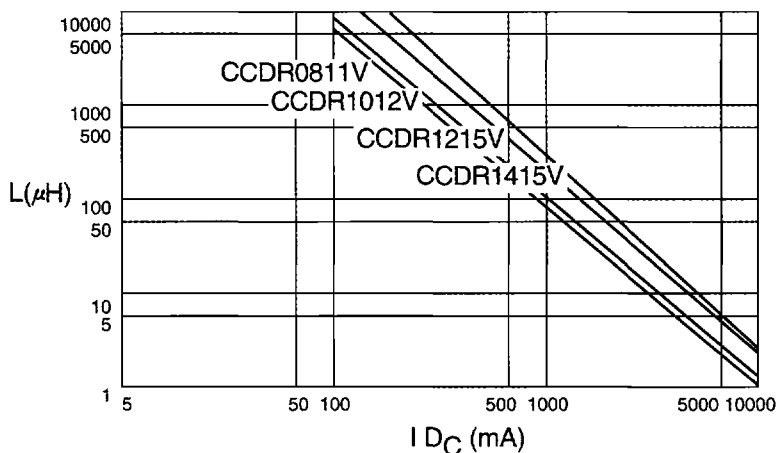
Standard Types

(unit : mm)



12 \pm 1	17 \pm 1	4.5 \pm 0.5	7.5 \pm 0.5	0.6 \pm 0.1
14 \pm 1	19 \pm 1	4.5 \pm 0.5	7.5 \pm 0.5	0.7 \pm 0.1
16 \pm 1	23 \pm 1	4.5 \pm 0.5	10 \pm 0.5	0.8 \pm 0.1
18 \pm 1	24 \pm 1	4.5 \pm 0.5	11 \pm 0.5	0.8 \pm 0.1

Available I-L Characteristics



Operating temperature range
 : -20 to +85°C [-4 to +185°F]
 (including self-temperature
 rise, 20°C [36°F] max.)

Rated current
 : Value obtained based on
 inductance change rate.
 (10% drop in initial value)

Model	Inductance (μ H) f=1kHz	DC Resistance (Ω)Max. at 20°C	Rated Current (A)Max. Based on inductance change rate	Temp.Rise Max.(deg.)	Type
CCDR0811V-9001R0	1 \pm 20%	0.001	9.00	45	A
CCDR0811V-8501R5	1.5 \pm 20%	0.002	8.50	45	A
CCDR0811V-8252R2	2.2 \pm 20%	0.003	8.25	45	A
CCDR0811V-6753R3	3.3 \pm 20%	0.004	6.75	45	A
CCDR0811V-5654R7	4.7 \pm 20%	0.005	5.65	45	A
CCDR0811V-4706R8	6.8 \pm 20%	0.007	4.70	45	A
CCDR0811V-385100	10 \pm 20%	0.009	3.85	45	A
CCDR0811V-315150	15 \pm 20%	0.012	3.15	45	A
CCDR0811V-260220	22 \pm 10%	0.022	2.60	45	A
CCDR0811V-215330	33 \pm 10%	0.040	2.15	45	A
CCDR0811V-180470	47 \pm 10%	0.079	1.80	45	A
CCDR0811V-150680	68 \pm 10%	0.097	1.50	45	A
CCDR0811V-125101	100 \pm 10%	0.141	1.25	45	A
CCDR0811V-100151	150 \pm 10%	0.207	1.00	45	A
CCDR0811V-085221	220 \pm 10%	0.298	0.85	45	A
CCDR0811V-065331	330 \pm 10%	0.436	0.65	45	A
CCDR0811V-055471	470 \pm 10%	0.665	0.55	45	A
CCDR0811V-045681	680 \pm 10%	1.010	0.45	45	A
CCDR0811V-040102	1000 \pm 10%	1.450	0.40	45	A
CCDR0811V-030152	1500 \pm 10%	2.470	0.30	45	A
CCDR0811V-025222	2200 \pm 10%	3.320	0.25	45	A
CCDR0811V-020332	3300 \pm 10%	5.220	0.20	45	A
CCDR0811V-018472	4700 \pm 10%	8.210	0.18	45	A
CCDR0811V-015682	6800 \pm 10%	8.960	0.15	45	A
CCDR0811V-012103	10000 \pm 10%	9.900	0.12	45	A
CCDR1012V-9251R5	1.5 \pm 20%	0.002	9.25	45	A
CCDR1012V-8550R2	2.2 \pm 20%	0.003	8.55	45	B
CCDR1012V-7703R3	3.3 \pm 20%	0.004	7.70	45	B
CCDR1012V-6454R7	4.7 \pm 20%	0.006	6.45	45	B
CCDR1012V-5356R8	6.8 \pm 20%	0.009	5.35	45	B
CCDR1012V-445100	10 \pm 20%	0.010	4.45	45	B
CCDR1012V-360150	15 \pm 20%	0.015	3.60	45	B
CCDR1012V-300220	22 \pm 10%	0.016	3.00	45	B
CCDR1012V-245330	33 \pm 10%	0.020	2.45	45	B
CCDR1012V-205470	47 \pm 10%	0.035	2.05	45	B
CCDR1012V-170680	68 \pm 10%	0.051	1.70	45	B
CCDR1012V-140101	100 \pm 10%	0.078	1.40	45	B
CCDR1012V-115151	150 \pm 10%	0.119	1.15	45	B
CCDR1012V-095221	220 \pm 10%	0.192	0.95	45	B
CCDR1012V-075331	330 \pm 10%	0.276	0.75	45	B
CCDR1012V-065471	470 \pm 10%	0.392	0.65	45	B
CCDR1012V-055681	680 \pm 10%	0.555	0.55	45	B
CCDR1012V-045102	1000 \pm 10%	0.865	0.45	45	B
CCDR1012V-035152	1500 \pm 10%	1.350	0.35	45	B
CCDR1012V-030222	2200 \pm 10%	1.920	0.30	45	B
CCDR1012V-025332	3300 \pm 10%	1.550	0.25	45	B
CCDR1012V-020472	4700 \pm 10%	2.780	0.20	45	B
CCDR1012V-018682	6800 \pm 10%	4.560	0.18	45	B
CCDR1012V-015103	10000 \pm 10%	8.810	0.15	45	B
CCDR1012V-010153	15000 \pm 10%	9.500	0.10	45	B

We produce a wide variety of high frequency Transformers and Coils for electronic applications.

Model	Inductance (μ H) f=1kHz	DC Resistance (Ω)Max. at 20°C	Rated Current (A)Max. Based on inductance change rate	Temp.Rise Max.(deg.)	Type
CCDR1215V-9502R2	2.2 \pm 20%	0.006	9.50	45	C
CCDR1215V-9253R3	3.3 \pm 20%	0.009	9.25	45	C
CCDR1215V-9004R7	4.7 \pm 20%	0.010	9.00	45	C
CCDR1215V-8006R8	6.8 \pm 20%	0.013	8.00	45	C
CCDR1215V-655100	10 \pm 20%	0.015	6.55	45	C
CCDR1215V-535150	15 \pm 20%	0.017	5.35	45	C
CCDR1215V-445220	22 \pm 10%	0.020	4.45	45	C
CCDR1215V-360330	33 \pm 10%	0.027	3.60	45	C
CCDR1215V-300470	47 \pm 10%	0.036	3.00	45	C
CCDR1215V-250680	68 \pm 10%	0.051	2.50	45	C
CCDR1215V-205101	100 \pm 10%	0.073	2.05	45	C
CCDR1215V-170151	150 \pm 10%	0.104	1.70	45	C
CCDR1215V-140221	220 \pm 10%	0.148	1.40	45	C
CCDR1215V-115331	330 \pm 10%	0.215	1.15	45	C
CCDR1215V-095471	470 \pm 10%	0.320	0.95	45	C
CCDR1215V-080681	680 \pm 10%	0.464	0.80	45	C
CCDR1215V-065102	1000 \pm 10%	0.650	0.65	45	C
CCDR1215V-055152	1500 \pm 10%	1.020	0.55	45	C
CCDR1215V-045222	2200 \pm 10%	1.460	0.45	45	C
CCDR1215V-035332	3300 \pm 10%	2.250	0.35	45	C
CCDR1215V-030472	4700 \pm 10%	3.160	0.30	45	C
CCDR1215V-025682	6800 \pm 10%	4.750	0.25	45	C
CCDR1215V-020103	10000 \pm 10%	6.740	0.20	45	C
CCDR1215V-017153	15000 \pm 10%	8.120	0.17	45	C
CCDR1415V-9453R3	3.3 \pm 20%	0.005	9.45	45	D
CCDR1415V-7904R7	4.7 \pm 20%	0.010	7.90	45	D
CCDR1415V-6586R8	6.8 \pm 20%	0.012	6.58	45	D
CCDR1415V-540100	10 \pm 20%	0.015	5.40	45	D
CCDR1415V-440150	15 \pm 20%	0.017	4.40	45	D
CCDR1415V-365220	22 \pm 10%	0.022	3.65	45	D
CCDR1415V-295330	33 \pm 10%	0.029	2.95	45	D
CCDR1415V-250470	47 \pm 10%	0.040	2.50	45	D
CCDR1415V-205680	68 \pm 10%	0.055	2.05	45	D
CCDR1415V-170101	100 \pm 10%	0.075	1.70	45	D
CCDR1415V-140151	150 \pm 10%	0.110	1.40	45	D
CCDR1415V-115221	220 \pm 10%	0.154	1.15	45	D
CCDR1415V-095331	330 \pm 10%	0.238	0.95	45	D
CCDR1415V-080471	470 \pm 10%	0.332	0.80	45	D
CCDR1415V-065681	680 \pm 10%	0.460	0.65	45	D
CCDR1415V-055102	1000 \pm 10%	0.710	0.55	45	D
CCDR1415V-045152	1500 \pm 10%	1.020	0.45	45	D
CCDR1415V-035222	2200 \pm 10%	1.460	0.35	45	D
CCDR1415V-030332	3300 \pm 10%	2.290	0.30	45	D
CCDR1415V-025472	4700 \pm 10%	3.170	0.25	45	D
CCDR1415V-020682	6800 \pm 10%	3.260	0.20	45	D
CCDR1415V-018103	10000 \pm 10%	5.620	0.18	45	D
CCDR1415V-015153	15000 \pm 10%	7.120	0.15	45	D

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