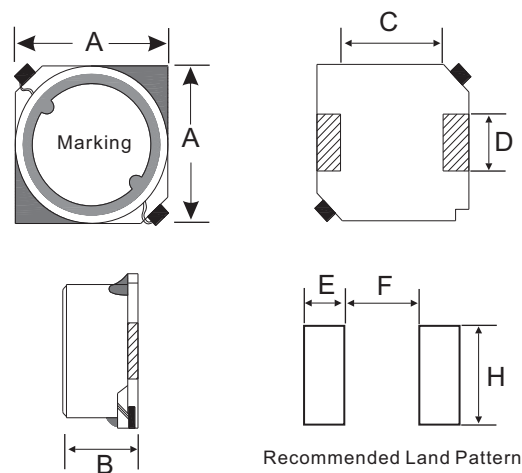
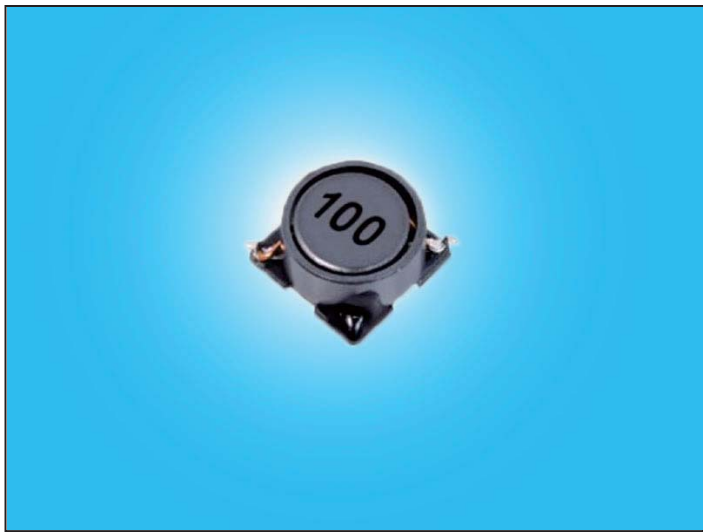


Shielded SMD Power Inductor



Dimensions and Footprint (Unit:mm)

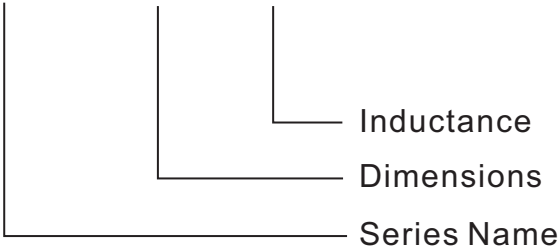
Type	A(Max)	B(Max)	C(Ref.)	D	E	F	H
CDR7025	7.6	2.8	5.4	2.0±0.2	2	4	2.4
CDR7032	7.6	3.5	5.4	2.0±0.2	2	4	2.4
CDR7045	7.6	5.1	5.4	2.0±0.2	2	4	2.4
CDR7055	7.6	6	5.4	2.0±0.2	2	4	2.4
CDR125	12.8	5.9	8.6	3.0±0.2	2.5	8	3.4
CDR126	12.8	6.9	8.6	3.0±0.2	2.5	8	3.4
CDR127	12.8	7.9	8.6	3.0±0.2	2.5	8	3.4

Description

- RoHS compliant.
- Various high power inductors are superior to be high saturation for surface mounting.
- DRH series are widely used in TVR,OA equipment,Digital cameral,LCD television set notebook PC,portable communication equipment,DC/DC converters,etc.

Part Number Code

CDR 7025-1R2N



Electrical Specifications-CDR7025

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR7025-2R2N	2.2 $\pm$ 30%	0.03	2.00	100
CDR7025-3R3N	3.3 $\pm$ 30%	0.03	1.70	100
CDR7025-4R7N	4.7 $\pm$ 30%	0.04	1.30	100
CDR7025-6R8N	6.8 $\pm$ 30%	0.05	1.06	100
CDR7025-100M	10 $\pm$ 20%	0.08	1.00	100
CDR7025-150M	15 $\pm$ 20%	0.11	0.77	100
CDR7025-220M	22 $\pm$ 20%	0.18	0.65	100
CDR7025-330M	33 $\pm$ 20%	0.26	0.50	100
CDR7025-470M	47 $\pm$ 20%	0.41	0.45	100
CDR7025-680M	68 $\pm$ 20%	0.50	0.35	100
CDR7025-101M	100 $\pm$ 20%	0.78	0.30	100
CDR7025-151M	150 $\pm$ 20%	1.20	0.22	100
CDR7025-221M	220 $\pm$ 20%	1.80	0.20	100
CDR7025-331M	330 $\pm$ 20%	2.20	0.16	100
CDR7025-471M	470 $\pm$ 20%	3.60	0.15	100
CDR7025-681M	680 $\pm$ 20%	5.50	0.12	100
CDR7025-102M	1000 $\pm$ 20%	6.00	0.10	100

Electrical Specifications-CDR7032

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR7032-2R2N	2.2 $\pm$ 30%	0.028	2.66	100
CDR7032-3R3N	3.3 $\pm$ 30%	0.035	2.26	100
CDR7032-4R7N	4.7 $\pm$ 30%	0.043	1.96	100
CDR7032-6R8N	6.8 $\pm$ 30%	0.055	1.76	100
CDR7032-100M	10 $\pm$ 20%	0.08	1.34	100
CDR7032-150M	15 $\pm$ 20%	0.12	1.10	100
CDR7032-220M	22 $\pm$ 20%	0.15	0.90	100
CDR7032-330M	33 $\pm$ 20%	0.25	0.72	100
CDR7032-470M	47 $\pm$ 20%	0.35	0.60	100
CDR7032-680M	68 $\pm$ 20%	0.52	0.50	100
CDR7032-101M	100 $\pm$ 20%	0.79	0.42	100
CDR7032-151M	150 $\pm$ 20%	0.95	0.34	100
CDR7032-221M	220 $\pm$ 20%	1.60	0.28	100
CDR7032-331M	330 $\pm$ 20%	2.00	0.20	100
CDR7032-471M	470 $\pm$ 20%	3.30	0.18	100
CDR7032-681M	680 $\pm$ 20%	5.10	0.15	100
CDR7032-102M	1000 $\pm$ 20%	5.90	0.13	100

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-CDR7045

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR7045-1R0N	1.0 $\pm$ 30%	0.026	2.8	100
CDR7045-2R2N	2.2 $\pm$ 30%	0.028	2.66	100
CDR7045-2R7N	2.7 $\pm$ 30%	0.028	2.50	100
CDR7045-3R3N	3.3 $\pm$ 30%	0.035	2.26	100
CDR7045-3R9N	3.9 $\pm$ 30%	0.030	2.10	100
CDR7045-4R7N	4.7 $\pm$ 30%	0.043	1.96	100
CDR7045-5R6N	5.6 $\pm$ 30%	0.048	1.87	100
CDR7045-6R3N	6.3 $\pm$ 30%	0.052	1.80	100
CDR7045-6R8N	6.8 $\pm$ 30%	0.055	1.76	100
CDR7045-100M	10 $\pm$ 20%	0.08	1.34	100
CDR7045-120M	12 $\pm$ 20%	0.10	1.25	100
CDR7045-150M	15 $\pm$ 20%	0.12	1.10	100
CDR7045-220M	22 $\pm$ 20%	0.15	0.90	100
CDR7045-270M	27 $\pm$ 20%	0.20	0.80	100
CDR7045-330M	33 $\pm$ 20%	0.25	0.72	100
CDR7045-390M	39 $\pm$ 20%	0.30	0.65	100
CDR7045-470M	47 $\pm$ 20%	0.35	0.60	100
CDR7045-560M	56 $\pm$ 20%	0.42	0.54	100
CDR7045-680M	68 $\pm$ 20%	0.52	0.50	100
CDR7045-820M	82 $\pm$ 20%	0.65	0.48	100
CDR7045-101M	100 $\pm$ 20%	0.79	0.42	100
CDR7045-121M	120 $\pm$ 20%	0.83	0.38	100
CDR7045-151M	150 $\pm$ 20%	0.95	0.34	100
CDR7045-181M	180 $\pm$ 20%	1.30	0.30	100
CDR7045-221M	220 $\pm$ 20%	1.60	0.28	100
CDR7045-271M	270 $\pm$ 20%	1.80	0.26	100
CDR7045-331M	330 $\pm$ 20%	2.00	0.20	100
CDR7045-391M	390 $\pm$ 20%	2.80	0.19	100
CDR7045-471M	470 $\pm$ 20%	3.30	0.18	100
CDR7045-561M	560 $\pm$ 20%	4.60	0.16	100
CDR7045-681M	680 $\pm$ 20%	5.10	0.15	100
CDR7045-821M	820 $\pm$ 20%	5.50	0.14	100
CDR7045-102M	1000 $\pm$ 20%	5.90	0.13	100

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-CDR7055

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR7055-1R0N	1.0±30%	0.040	3.20	100
CDR7055-2R2N	2.2±30%	0.050	2.90	100
CDR7055-3R3N	3.3±30%	0.052	2.80	100
CDR7055-4R7N	4.7±30%	0.055	2.50	100
CDR7055-6R8N	6.8±30%	0.058	2.10	100
CDR7055-100M	10±20%	0.066	1.75	100
CDR7055-120M	12±20%	0.069	1.70	100
CDR7055-150M	15±20%	0.073	1.45	100
CDR7055-220M	22±20%	0.084	1.20	100
CDR7055-270M	27±20%	0.088	1.10	100
CDR7055-330M	33±20%	0.12	1.00	100
CDR7055-390M	39±20%	0.15	0.90	100
CDR7055-470M	47±20%	0.16	0.86	100
CDR7055-560M	56±20%	0.20	0.83	100
CDR7055-680M	68±20%	0.30	0.80	100
CDR7055-820M	82±20%	0.32	0.70	100
CDR7055-101M	100±20%	0.35	0.60	100
CDR7055-121M	120±20%	0.58	0.53	100
CDR7055-151M	150±20%	0.64	0.48	100
CDR7055-181M	180±20%	0.72	0.45	100
CDR7055-221M	220±20%	0.81	0.40	100
CDR7055-271M	270±20%	1.15	0.36	100
CDR7055-331M	330±20%	1.27	0.32	100
CDR7055-391M	390±20%	1.35	0.28	100
CDR7055-471M	470±20%	1.50	0.26	100
CDR7055-561M	560±20%	1.60	0.22	100
CDR7055-681M	680±20%	1.80	0.20	100
CDR7055-821M	820±20%	2.00	0.18	100
CDR7055-102M	1000±20%	2.50	0.15	100

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-CDR125

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR125-6R0N	6.0 $\pm$ 30%	0.016	4.90	100
CDR125-100M	10 $\pm$ 20%	0.022	4.30	100
CDR125-150M	15 $\pm$ 20%	0.026	3.90	100
CDR125-220M	22 $\pm$ 20%	0.034	3.40	100
CDR125-330M	33 $\pm$ 20%	0.042	3.10	100
CDR125-470M	47 $\pm$ 20%	0.062	2.50	100
CDR125-680M	68 $\pm$ 20%	0.083	2.20	100
CDR125-101M	100 $\pm$ 20%	0.117	1.80	100
CDR125-151M	150 $\pm$ 20%	0.19	1.40	100
CDR125-221M	220 $\pm$ 20%	0.27	1.20	100
CDR125-331M	330 $\pm$ 20%	0.41	1.00	100
CDR125-471M	470 $\pm$ 20%	0.52	0.88	100
CDR125-681M	680 $\pm$ 20%	0.76	0.73	100
CDR125-102M	1000 $\pm$ 20%	1.12	0.60	100
CDR125-152M	1500 $\pm$ 20%	1.73	0.48	100

Electrical Specifications-CDR126

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR126-100M	10 $\pm$ 20%	0.022	4.80	100
CDR126-150M	15 $\pm$ 20%	0.024	4.40	100
CDR126-220M	22 $\pm$ 20%	0.032	3.80	100
CDR126-330M	33 $\pm$ 20%	0.041	3.40	100
CDR126-470M	47 $\pm$ 20%	0.058	2.80	100
CDR126-680M	68 $\pm$ 20%	0.079	2.40	100
CDR126-101M	100 $\pm$ 20%	0.123	1.90	100
CDR126-151M	150 $\pm$ 20%	0.18	1.60	100
CDR126-221M	220 $\pm$ 20%	0.25	1.40	100
CDR126-331M	330 $\pm$ 20%	0.37	1.20	100
CDR126-471M	470 $\pm$ 20%	0.50	1.10	100
CDR126-681M	680 $\pm$ 20%	0.70	0.90	100
CDR126-102M	1000 $\pm$ 20%	0.92	0.72	100
CDR126-152M	1500 $\pm$ 20%	1.50	0.64	100

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.

Electrical Specifications-CDR127

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
CDR127-100M	10±20%	0.016	5.40	100
CDR127-150M	15±20%	0.018	5.00	100
CDR127-220M	22±20%	0.026	4.00	100
CDR127-330M	33±20%	0.041	3.40	100
CDR127-470M	47±20%	0.053	3.00	100
CDR127-680M	68±20%	0.078	2.40	100
CDR127-101M	100±20%	0.125	1.90	100
CDR127-151M	150±20%	0.175	1.60	100
CDR127-221M	220±20%	0.250	1.30	100
CDR127-331M	330±20%	0.30	1.25	100
CDR127-471M	470±20%	0.38	1.20	100
CDR127-681M	680±20%	0.58	1.10	100
CDR127-102M	1000±20%	0.85	0.82	100
CDR127-152M	1500±20%	1.20	0.75	100

- Special inquiries besides the above common used types can be meet on your requirement.
- $\Delta L/L = -35\%$, $\Delta t = 40^\circ\text{C}$.