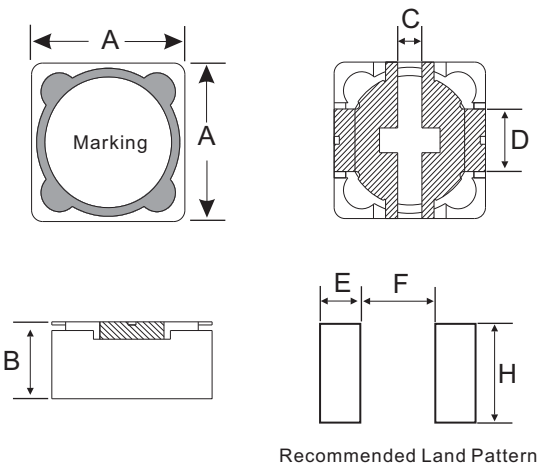


Shielded Power Inductor



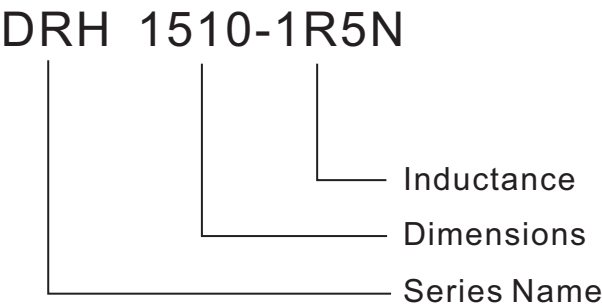
Dimensions and Footprint (Unit:mm)

Type	A(Max)	B(Max)	C(Ref.)	D(Ref.)	E	F	H
DRH73	7.8	4	2.7	1.8	1.6	4	3.1
DRH74	7.8	4.5	2.7	1.8	1.6	4	3.1
DRH123	12.5	4	1.9	5	2.3	6.6	5.4
DRH124	12.5	4.5	1.9	5	2.8	7	5.4
DRH125	12.5	6	1.9	5	2.8	7	5.4
DRH127	12.5	8	1.9	5	2.8	7	5.4
DRH129	12.5	10.5	1.9	5	2.8	7	5.4
DRH1510	15.5	11.5	1.9	5	2.8	9.7	5.4

Description

- 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



Electrical Specifications-DRH73

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH73-100M	10 $\pm$ 20%	0.09	1.40	100
DRH73-120M	12 $\pm$ 20%	0.10	1.30	100
DRH73-150M	15 $\pm$ 20%	0.13	1.20	100
DRH73-180M	18 $\pm$ 20%	0.15	1.10	100
DRH73-220M	22 $\pm$ 20%	0.17	0.88	100
DRH73-270M	27 $\pm$ 20%	0.21	0.80	100
DRH73-330M	33 $\pm$ 20%	0.24	0.75	100
DRH73-390M	39 $\pm$ 20%	0.31	0.67	100
DRH73-470M	47 $\pm$ 20%	0.35	0.62	100
DRH73-560M	56 $\pm$ 20%	0.40	0.54	100
DRH73-680M	68 $\pm$ 20%	0.52	0.52	100
DRH73-820M	82 $\pm$ 20%	0.60	0.46	100
DRH73-101M	100 $\pm$ 20%	0.70	0.42	100
DRH73-121M	120 $\pm$ 20%	0.82	0.37	100
DRH73-151M	150 $\pm$ 20%	1.35	0.33	100
DRH73-181M	180 $\pm$ 20%	1.50	0.30	100
DRH73-221M	220 $\pm$ 20%	1.70	0.28	100
DRH73-271M	270 $\pm$ 20%	1.90	0.25	100
DRH73-331M	330 $\pm$ 20%	2.80	0.22	100
DRH73-391M	390 $\pm$ 20%	3.00	0.20	100
DRH73-471M	470 $\pm$ 20%	3.50	0.18	100
DRH73-561M	560 $\pm$ 20%	4.00	0.16	100
DRH73-681M	680 $\pm$ 20%	4.30	0.13	100
DRH73-102M	1000 $\pm$ 20%	5.00	0.10	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-DRH74

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH74-100M	10 $\pm$ 20%	0.049	1.84	100
DRH74-120M	12 $\pm$ 20%	0.058	1.71	100
DRH74-150M	15 $\pm$ 20%	0.081	1.47	100
DRH74-180M	18 $\pm$ 20%	0.091	1.31	100
DRH74-220M	22 $\pm$ 20%	0.110	1.23	100
DRH74-270M	27 $\pm$ 20%	0.150	1.12	100
DRH74-330M	33 $\pm$ 20%	0.170	0.96	100
DRH74-390M	39 $\pm$ 20%	0.230	0.91	100
DRH74-470M	47 $\pm$ 20%	0.260	0.88	100
DRH74-560M	56 $\pm$ 20%	0.350	0.75	100
DRH74-680M	68 $\pm$ 20%	0.380	0.69	100
DRH74-820M	82 $\pm$ 20%	0.430	0.61	100
DRH74-101M	100 $\pm$ 20%	0.610	0.60	100
DRH74-121M	120 $\pm$ 20%	0.660	0.52	100
DRH74-151M	150 $\pm$ 20%	0.880	0.46	100
DRH74-181M	180 $\pm$ 20%	0.980	0.42	100
DRH74-221M	220 $\pm$ 20%	1.170	0.36	100
DRH74-271M	270 $\pm$ 20%	1.640	0.34	100
DRH74-331M	330 $\pm$ 20%	1.860	0.32	100
DRH74-391M	390 $\pm$ 20%	2.850	0.29	100
DRH74-471M	470 $\pm$ 20%	3.010	0.26	100
DRH74-561M	560 $\pm$ 20%	3.620	0.23	100
DRH74-681M	680 $\pm$ 20%	4.630	0.22	100
DRH74-821M	820 $\pm$ 20%	5.200	0.20	100
DRH74-102M	1000 $\pm$ 20%	6.000	0.18	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-DRH123

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH123-100M	10±20%	0.050	4.00	100
DRH123-120M	12±20%	0.054	3.85	100
DRH123-150M	15±20%	0.061	3.60	100
DRH123-180M	18±20%	0.090	3.40	100
DRH123-220M	22±20%	0.100	3.20	100
DRH123-270M	27±20%	0.114	3.00	100
DRH123-330M	33±20%	0.116	2.50	100
DRH123-390M	39±20%	0.118	2.35	100
DRH123-470M	47±20%	0.22	2.30	100
DRH123-560M	56±20%	0.26	2.20	100
DRH123-680M	68±20%	0.28	1.80	100
DRH123-820M	82±20%	0.38	1.70	100
DRH123-101M	100±20%	0.44	1.66	100
DRH123-121M	120±20%	0.48	1.60	100
DRH123-151M	150±20%	0.66	1.53	100
DRH123-181M	180±20%	0.86	1.47	100
DRH123-221M	220±20%	1.00	1.42	100
DRH123-271M	270±20%	1.10	1.37	100
DRH123-331M	330±20%	1.40	1.33	100
DRH123-391M	390±20%	1.60	1.29	100
DRH123-471M	470±20%	1.80	1.26	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-DRH124

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH124-3R9N	3.9±30%	0.015	6.50	100
DRH124-4R7N	4.7±30%	0.018	5.70	100
DRH124-6R8N	6.8±30%	0.023	4.90	100
DRH124-8R2N	8.2±30%	0.026	4.60	100
DRH124-100M	10±20%	0.028	4.50	100
DRH124-120M	12±20%	0.038	4.00	100
DRH124-150M	15±20%	0.050	3.20	100
DRH124-180M	18±20%	0.057	3.10	100
DRH124-220M	22±20%	0.066	2.90	100
DRH124-270M	27±20%	0.080	2.80	100
DRH124-330M	33±20%	0.097	2.70	100
DRH124-390M	39±20%	0.132	2.10	100
DRH124-470M	47±20%	0.16	1.90	100
DRH124-560M	56±20%	0.19	1.80	100
DRH124-680M	68±20%	0.22	1.50	100
DRH124-820M	82±20%	0.26	1.30	100
DRH124-101M	100±20%	0.31	1.20	100
DRH124-121M	120±20%	0.38	1.10	100
DRH124-151M	150±20%	0.53	0.95	100
DRH124-181M	180±20%	0.62	0.85	100
DRH124-221M	220±20%	0.70	0.80	100
DRH124-271M	270±20%	0.87	0.60	100
DRH124-331M	330±20%	0.99	0.50	100

- Special inquiries besides the above common used types can be meet on your requirement.
- Δ L/L=-35%,Δ t=40°C.

Electrical Specifications-DRH125

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH125-1R3N	1.3±30%	0.012	8.00	100
DRH125-2R1N	2.1±30%	0.014	7.00	100
DRH125-3R1N	3.1±30%	0.017	6.00	100
DRH125-4R4N	4.4±30%	0.020	5.00	100
DRH125-5R8N	5.8±30%	0.021	4.40	100
DRH125-7R5N	7.5±30%	0.024	4.20	100
DRH125-100M	10±20%	0.025	4.00	100
DRH125-120M	12±20%	0.027	3.50	100
DRH125-150M	15±20%	0.030	3.30	100
DRH125-180M	18±20%	0.034	3.00	100
DRH125-220M	22±20%	0.036	2.80	100
DRH125-270M	27±20%	0.051	2.30	100
DRH125-330M	33±20%	0.057	2.10	100
DRH125-390M	39±20%	0.068	2.00	100
DRH125-470M	47±20%	0.08	1.80	100
DRH125-560M	56±20%	0.11	1.70	100
DRH125-680M	68±20%	0.12	1.50	100
DRH125-820M	82±20%	0.16	1.40	100
DRH125-101M	100±20%	0.16	1.30	100
DRH125-121M	120±20%	0.17	1.10	100
DRH125-151M	150±20%	0.23	1.00	100
DRH125-181M	180±20%	0.29	0.90	100
DRH125-221M	220±20%	0.40	0.80	100
DRH125-271M	270±20%	0.46	0.75	100
DRH125-331M	330±20%	0.51	0.68	100
DRH125-391M	390±20%	0.69	0.65	100
DRH125-471M	470±20%	0.77	0.58	100
DRH125-561M	560±20%	0.86	0.54	100
DRH125-681M	680±20%	1.20	0.48	100
DRH125-821M	820±20%	1.34	0.43	100
DRH125-102M	1000±20%	1.53	0.40	100

Electrical Specifications-DRH127

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH127-1R2N	1.2±30%	0.007	9.80	100
DRH127-2R4N	2.4±30%	0.012	8.00	100
DRH127-3R5N	3.5±30%	0.014	7.50	100
DRH127-4R7N	4.7±30%	0.016	6.80	100
DRH127-6R1N	6.1±30%	0.018	6.60	100
DRH127-7R6N	7.6±30%	0.020	5.90	100
DRH127-100M	10±20%	0.022	5.40	100
DRH127-120M	12±20%	0.024	4.90	100
DRH127-150M	15±20%	0.030	4.50	100
DRH127-180M	18±20%	0.039	3.90	100
DRH127-220M	22±20%	0.043	3.60	100
DRH127-270M	27±20%	0.046	3.40	100
DRH127-330M	33±20%	0.065	3.00	100
DRH127-390M	39±20%	0.073	2.75	100
DRH127-470M	47±20%	0.10	2.50	100
DRH127-560M	56±20%	0.11	2.35	100
DRH127-680M	68±20%	0.14	2.10	100
DRH127-820M	82±20%	0.16	1.95	100
DRH127-101M	100±20%	0.22	1.70	100
DRH127-121M	120±20%	0.25	1.60	100
DRH127-151M	150±20%	0.28	1.42	100
DRH127-181M	180±20%	0.35	1.30	100
DRH127-221M	220±20%	0.39	1.16	100
DRH127-271M	270±20%	0.56	1.06	100
DRH127-331M	330±20%	0.64	0.95	100
DRH127-391M	390±20%	0.70	0.88	100
DRH127-471M	470±20%	0.98	0.79	100
DRH127-561M	560±20%	1.07	0.73	100
DRH127-681M	680±20%	1.46	0.67	100
DRH127-821M	820±20%	1.64	0.60	100
DRH127-102M	1000±20%	1.82	0.55	100

Electrical Specifications-DRH129

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH129-1R5N	1.5±30%	0.010	15.00	100
DRH129-3R3N	3.3±30%	0.016	10.00	100
DRH129-4R7N	4.7±30%	0.018	9.50	100
DRH129-6R8N	6.8±30%	0.023	9.00	100
DRH129-8R2N	8.2±30%	0.028	6.50	100
DRH129-100M	10±20%	0.030	6.00	100
DRH129-150M	15±20%	0.050	5.50	100
DRH129-180M	18±20%	0.052	5.30	100
DRH129-220M	22±20%	0.055	5.00	100
DRH129-330M	33±20%	0.070	4.50	100
DRH129-470M	47±20%	0.120	4.00	100
DRH129-680M	68±20%	0.15	3.00	100
DRH129-820M	82±20%	0.17	2.60	100
DRH129-101M	100±20%	0.18	2.50	100
DRH129-121M	120±20%	0.23	2.20	100
DRH129-151M	150±20%	0.28	2.00	100
DRH129-181M	180±20%	0.30	1.90	100
DRH129-221M	220±20%	0.35	1.80	100
DRH129-331M	330±20%	0.48	1.60	100
DRH129-471M	470±20%	0.95	1.50	100
DRH129-561M	560±20%	1.20	1.40	100
DRH129-681M	680±20%	1.10	1.20	100
DRH129-821M	820±20%	1.40	1.00	100
DRH129-102K	1000±10%	1.56	0.80	100
DRH129-152K	1500±10%	1.80	0.60	100
DRH129-202K	2000±10%	2.60	0.50	100
DRH129-222K	2200±10%	2.65	0.45	100
DRH129-302K	3000±10%	4.70	0.40	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-DRH1510

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
DRH1510-1R5N	1.5±30%	0.010	18.00	100
DRH1510-3R3N	3.3±30%	0.013	13.00	100
DRH1510-6R8N	6.8±30%	0.015	11.00	100
DRH1510-100M	10±20%	0.016	10.00	100
DRH1510-120M	12±20%	0.017	9.80	100
DRH1510-150M	15±20%	0.020	9.40	100
DRH1510-180M	18±20%	0.023	9.00	100
DRH1510-220M	22±20%	0.026	8.50	100
DRH1510-330M	33±20%	0.045	4.50	100
DRH1510-470M	47±20%	0.055	4.00	100
DRH1510-680M	68±20%	0.08	3.00	100
DRH1510-101M	100±20%	0.12	2.00	100
DRH1510-151M	150±20%	0.15	1.80	100

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