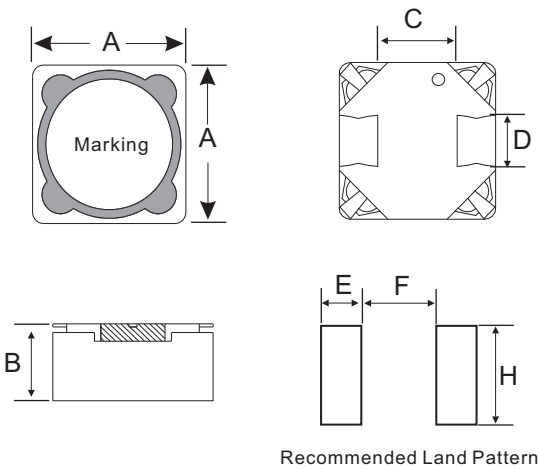


Shielded Power Inductor

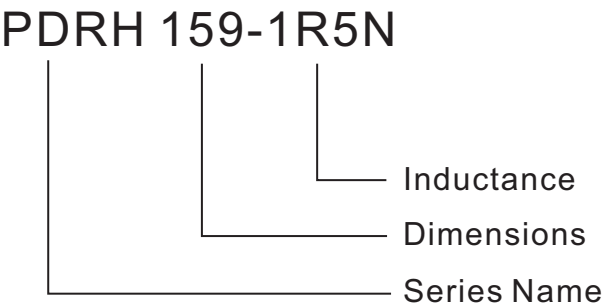


Dimensions and Footprint (Unit:mm)							
Type	A(Max)	B(Max)	C(Ref.)	D(Ref.)	E	F	H
PDRH73	7.8	4	4.6	2	1.6	4.8	2.4
PDRH74	7.8	4.5	4.6	2	1.6	4.8	2.4
PDRH123	12.5	4	7	5	3	6.5	5.4
PDRH124	12.5	4.5	7	5	3	6.5	5.4
PDRH125	12.5	6	7	5	3	6.5	5.4
PDRH127	12.5	8	7	5	3	6.5	5.4
PDRH129	12.5	10.5	7	5	3	6.5	5.4
PDRH159	15.5	8.6	8.2	5.6	3.8	7.7	6

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-PDRH73

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH73-100M	10 $\pm$ 20%	0.09	1.40	100
PDRH73-120M	12 $\pm$ 20%	0.10	1.30	100
PDRH73-150M	15 $\pm$ 20%	0.13	1.20	100
PDRH73-180M	18 $\pm$ 20%	0.15	1.10	100
PDRH73-220M	22 $\pm$ 20%	0.17	0.88	100
PDRH73-270M	27 $\pm$ 20%	0.21	0.80	100
PDRH73-330M	33 $\pm$ 20%	0.24	0.75	100
PDRH73-390M	39 $\pm$ 20%	0.31	0.67	100
PDRH73-470M	47 $\pm$ 20%	0.35	0.62	100
PDRH73-560M	56 $\pm$ 20%	0.40	0.54	100
PDRH73-680M	68 $\pm$ 20%	0.52	0.52	100
PDRH73-820M	82 $\pm$ 20%	0.60	0.46	100
PDRH73-101M	100 $\pm$ 20%	0.70	0.42	100
PDRH73-121M	120 $\pm$ 20%	0.82	0.37	100
PDRH73-151M	150 $\pm$ 20%	1.35	0.33	100
PDRH73-181M	180 $\pm$ 20%	1.50	0.30	100
PDRH73-221M	220 $\pm$ 20%	1.70	0.28	100
PDRH73-271M	270 $\pm$ 20%	1.90	0.25	100
PDRH73-331M	330 $\pm$ 20%	2.80	0.22	100
PDRH73-391M	390 $\pm$ 20%	3.00	0.20	100
PDRH73-471M	470 $\pm$ 20%	3.50	0.18	100
PDRH73-561M	560 $\pm$ 20%	4.00	0.16	100
PDRH73-681M	680 $\pm$ 20%	4.30	0.13	100
PDRH73-102M	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-PDRH74

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH74-100M	10 $\pm$ 20%	0.049	1.84	100
PDRH74-120M	12 $\pm$ 20%	0.058	1.71	100
PDRH74-150M	15 $\pm$ 20%	0.081	1.47	100
PDRH74-180M	18 $\pm$ 20%	0.091	1.31	100
PDRH74-220M	22 $\pm$ 20%	0.110	1.23	100
PDRH74-270M	27 $\pm$ 20%	0.150	1.12	100
PDRH74-330M	33 $\pm$ 20%	0.170	0.96	100
PDRH74-390M	39 $\pm$ 20%	0.230	0.91	100
PDRH74-470M	47 $\pm$ 20%	0.260	0.88	100
PDRH74-560M	56 $\pm$ 20%	0.350	0.75	100
PDRH74-680M	68 $\pm$ 20%	0.380	0.69	100
PDRH74-820M	82 $\pm$ 20%	0.430	0.61	100
PDRH74-101M	100 $\pm$ 20%	0.610	0.60	100
PDRH74-121M	120 $\pm$ 20%	0.660	0.52	100
PDRH74-151M	150 $\pm$ 20%	0.880	0.46	100
PDRH74-181M	180 $\pm$ 20%	0.980	0.42	100
PDRH74-221M	220 $\pm$ 20%	1.170	0.36	100
PDRH74-271M	270 $\pm$ 20%	1.640	0.34	100
PDRH74-331M	330 $\pm$ 20%	1.860	0.32	100
PDRH74-391M	390 $\pm$ 20%	2.850	0.29	100
PDRH74-471M	470 $\pm$ 20%	3.010	0.26	100
PDRH74-561M	560 $\pm$ 20%	3.620	0.23	100
PDRH74-681M	680 $\pm$ 20%	4.630	0.22	100
PDRH74-821M	820 $\pm$ 20%	5.200	0.20	100
PDRH74-102M	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-PDRH123

P/N	INDUCTANCE (μ H)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH123-100M	10 $\pm$ 20%	0.050	4.00	100
PDRH123-120M	12 $\pm$ 20%	0.054	3.85	100
PDRH123-150M	15 $\pm$ 20%	0.061	3.60	100
PDRH123-180M	18 $\pm$ 20%	0.090	3.40	100
PDRH123-220M	22 $\pm$ 20%	0.100	3.20	100
PDRH123-270M	27 $\pm$ 20%	0.114	3.00	100
PDRH123-330M	33 $\pm$ 20%	0.116	2.50	100
PDRH123-390M	39 $\pm$ 20%	0.118	2.35	100
PDRH123-470M	47 $\pm$ 20%	0.22	2.30	100
PDRH123-560M	56 $\pm$ 20%	0.26	2.20	100
PDRH123-680M	68 $\pm$ 20%	0.28	1.80	100
PDRH123-820M	82 $\pm$ 20%	0.38	1.70	100
PDRH123-101M	100 $\pm$ 20%	0.44	1.66	100
PDRH123-121M	120 $\pm$ 20%	0.48	1.60	100
PDRH123-151M	150 $\pm$ 20%	0.66	1.53	100
PDRH123-181M	180 $\pm$ 20%	0.86	1.47	100
PDRH123-221M	220 $\pm$ 20%	1.00	1.42	100
PDRH123-271M	270 $\pm$ 20%	1.10	1.37	100
PDRH123-331M	330 $\pm$ 20%	1.40	1.33	100
PDRH123-391M	390 $\pm$ 20%	1.60	1.29	100
PDRH123-471M	470 $\pm$ 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-PDRH124

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH124-3R9N	3.9±30%	0.015	6.50	100
PDRH124-4R7N	4.7±30%	0.018	5.70	100
PDRH124-6R8N	6.8±30%	0.023	4.90	100
PDRH124-8R2N	8.2±30%	0.026	4.60	100
PDRH124-100M	10±20%	0.028	4.50	100
PDRH124-120M	12±20%	0.038	4.00	100
PDRH124-150M	15±20%	0.050	3.20	100
PDRH124-180M	18±20%	0.057	3.10	100
PDRH124-220M	22±20%	0.066	2.90	100
PDRH124-270M	27±20%	0.080	2.80	100
PDRH124-330M	33±20%	0.097	2.70	100
PDRH124-390M	39±20%	0.132	2.10	100
PDRH124-470M	47±20%	0.16	1.90	100
PDRH124-560M	56±20%	0.19	1.80	100
PDRH124-680M	68±20%	0.22	1.50	100
PDRH124-820M	82±20%	0.26	1.30	100
PDRH124-101M	100±20%	0.31	1.20	100
PDRH124-121M	120±20%	0.38	1.10	100
PDRH124-151M	150±20%	0.53	0.95	100
PDRH124-181M	180±20%	0.62	0.85	100
PDRH124-221M	220±20%	0.70	0.80	100
PDRH124-271M	270±20%	0.87	0.60	100
PDRH124-331M	330±20%	0.99	0.50	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-PDRH125

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH125-1R3N	1.3±30%	0.012	8.00	100
PDRH125-2R1N	2.1±30%	0.014	7.00	100
PDRH125-3R1N	3.1±30%	0.017	6.00	100
PDRH125-4R4N	4.4±30%	0.020	5.00	100
PDRH125-5R8N	5.8±30%	0.021	4.40	100
PDRH125-7R5N	7.5±30%	0.024	4.20	100
PDRH125-100M	10±20%	0.025	4.00	100
PDRH125-120M	12±20%	0.027	3.50	100
PDRH125-150M	15±20%	0.030	3.30	100
PDRH125-180M	18±20%	0.034	3.00	100
PDRH125-220M	22±20%	0.036	2.80	100
PDRH125-270M	27±20%	0.051	2.30	100
PDRH125-330M	33±20%	0.057	2.10	100
PDRH125-390M	39±20%	0.068	2.00	100
PDRH125-470M	47±20%	0.08	1.80	100
PDRH125-560M	56±20%	0.11	1.70	100
PDRH125-680M	68±20%	0.12	1.50	100
PDRH125-820M	82±20%	0.16	1.40	100
PDRH125-101M	100±20%	0.16	1.30	100
PDRH125-121M	120±20%	0.17	1.10	100
PDRH125-151M	150±20%	0.23	1.00	100
PDRH125-181M	180±20%	0.29	0.90	100
PDRH125-221M	220±20%	0.40	0.80	100
PDRH125-271M	270±20%	0.46	0.75	100
PDRH125-331M	330±20%	0.51	0.68	100
PDRH125-391M	390±20%	0.69	0.65	100
PDRH125-471M	470±20%	0.77	0.58	100
PDRH125-561M	560±20%	0.86	0.54	100
PDRH125-681M	680±20%	1.20	0.48	100
PDRH125-821M	820±20%	1.34	0.43	100
PDRH125-102M	1000±20%	1.53	0.40	100

Electrical Specifications-PDRH127

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH127-1R2N	1.2±30%	0.007	9.80	100
PDRH127-2R4N	2.4±30%	0.012	8.00	100
PDRH127-3R5N	3.5±30%	0.014	7.50	100
PDRH127-4R7N	4.7±30%	0.016	6.80	100
PDRH127-6R1N	6.1±30%	0.018	6.60	100
PDRH127-7R6N	7.6±30%	0.020	5.90	100
PDRH127-100M	10±20%	0.022	5.40	100
PDRH127-120M	12±20%	0.024	4.90	100
PDRH127-150M	15±20%	0.030	4.50	100
PDRH127-180M	18±20%	0.039	3.90	100
PDRH127-220M	22±20%	0.043	3.60	100
PDRH127-270M	27±20%	0.046	3.40	100
PDRH127-330M	33±20%	0.065	3.00	100
PDRH127-390M	39±20%	0.073	2.75	100
PDRH127-470M	47±20%	0.10	2.50	100
PDRH127-560M	56±20%	0.11	2.35	100
PDRH127-680M	68±20%	0.14	2.10	100
PDRH127-820M	82±20%	0.16	1.95	100
PDRH127-101M	100±20%	0.22	1.70	100
PDRH127-121M	120±20%	0.25	1.60	100
PDRH127-151M	150±20%	0.28	1.42	100
PDRH127-181M	180±20%	0.35	1.30	100
PDRH127-221M	220±20%	0.39	1.16	100
PDRH127-271M	270±20%	0.56	1.06	100
PDRH127-331M	330±20%	0.64	0.95	100
PDRH127-391M	390±20%	0.70	0.88	100
PDRH127-471M	470±20%	0.98	0.79	100
PDRH127-561M	560±20%	1.07	0.73	100
PDRH127-681M	680±20%	1.46	0.67	100
PDRH127-821M	820±20%	1.64	0.60	100
PDRH127-102M	1000±20%	1.82	0.55	100

Electrical Specifications-PDRH129

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	IDC(Max) (A)	TEST FREQ (kHz)
PDRH129-1R5N	1.5±30%	0.010	15.00	100
PDRH129-3R3N	3.3±30%	0.016	10.00	100
PDRH129-4R7N	4.7±30%	0.018	9.50	100
PDRH129-6R8N	6.8±30%	0.023	9.00	100
PDRH129-8R2N	8.2±30%	0.028	6.50	100
PDRH129-100M	10±20%	0.030	6.00	100
PDRH129-150M	15±20%	0.050	5.50	100
PDRH129-180M	18±20%	0.052	5.30	100
PDRH129-220M	22±20%	0.055	5.00	100
PDRH129-330M	33±20%	0.070	4.50	100
PDRH129-470M	47±20%	0.120	4.00	100
PDRH129-680M	68±20%	0.15	3.00	100
PDRH129-820M	82±20%	0.17	2.60	100
PDRH129-101M	100±20%	0.18	2.50	100
PDRH129-121M	120±20%	0.23	2.20	100
PDRH129-151M	150±20%	0.28	2.00	100
PDRH129-181M	180±20%	0.30	1.90	100
PDRH129-221M	220±20%	0.35	1.80	100
PDRH129-331M	330±20%	0.48	1.60	100
PDRH129-471M	470±20%	0.95	1.50	100
PDRH129-561M	560±20%	1.20	1.40	100
PDRH129-681M	680±20%	1.10	1.20	100
PDRH129-821M	820±20%	1.40	1.00	100
PDRH129-102K	1000±10%	1.56	0.80	100
PDRH129-152K	1500±10%	1.80	0.60	100
PDRH129-202K	2000±10%	2.60	0.50	100
PDRH129-222K	2200±10%	2.65	0.45	100
PDRH129-302K	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-PDRH159

P/N	INDUCTANCE (uH)	DCR(Max) (Ω)	Isat(30% drop) (A)	SRF(Typ) (MHz)
PDRH159-100M	10±20%	0.016	14.70	17
PDRH159-120M	12±20%	0.017	14.20	14.5
PDRH159-150M	15±20%	0.020	12.40	13.5
PDRH159-180M	18±20%	0.023	11.20	12
PDRH159-220M	22±20%	0.026	10.40	10.5
PDRH159-330M	33±20%	0.045	8.60	8.5
PDRH159-470M	47±20%	0.055	7.30	7.3
PDRH159-680M	68±20%	0.08	6.00	6
PDRH159-101M	100±10%	0.10	4.80	4.8
PDRH159-151M	150±10%	0.15	3.90	3.7
PDRH159-222M	220±10%	0.25	3.30	3
PDRH159-332M	330±10%	0.35	2.50	2.7
PDRH159-472M	470±10%	0.45	2.20	2.2
PDRH159-682M	680±10%	0.66	1.80	1.8
PDRH159-822M	820±10%	0.74	1.60	1.6
PDRH159-103M	1000±10%	0.99	1.40	1.5