

PDRH Series — SMD Shielded Power Inductor

Features

- Electrode directly connected to ferrite core
- Low profile to meet height restrictions
- Provides high saturation for surface mounting
- For Inductance values outside those listed in the datasheet contact factory
- Find Environmental information and Packaging specs in related supplemental documents



Applications

- Notebook Computers
- LCD televisions
- DC/DC converters
- Handheld communications
- Power Supplies

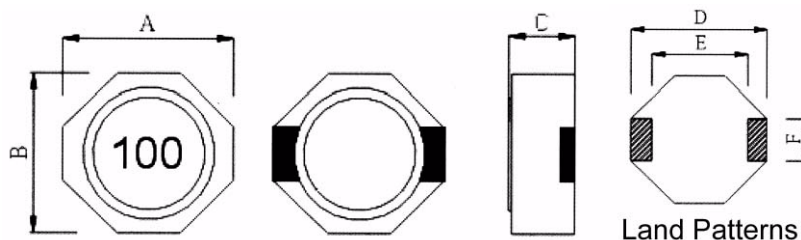
Inductance and Current ranges

• PDRH0301	1.0 ~ 820μH	1.6 ~ 0.06A
• PDRH0302	0.47 ~ 2200μH	1.8 ~ 0.035A
• PDRH0303	1.0 ~ 6800μH	1.9 ~ 0.017A
• PDRH0418	1.0 ~ 100 μH	1.5 ~ 0.10 A
• PDRH0501	1.0 ~ 560μH	1.62 ~ 0.08A
• PDRH0502	0.47 ~ 10000μH	2.33 ~ 0.026A
• PDRH0503	0.47 ~ 2500μH	4.82 ~ 0.045A
• PDRH0601	1 ~ 1500μH	2.04 ~ 0.046A
• PDRH0602	1 ~ 1500μH	3.82 ~ 0.08A
• PDRH0603	1 ~ 27000μH	4.27 ~ 0.026A

How to Order

PDRH		0418	M	T	101		
SEI Type		Dimensions	Tolerance	Packaging Style	Inductance		
Type	Description	Code	Dimensions (mm)	Code	Tolerance	Code	Inductance
PDRH	SMD Power Inductor	0301	3.85x3.85x1.25	N	30%	1R1	1.1 μH
		0302	3.85x3.85x2.00	M	20%	470	47 μH
		0303	3.85x3.85x3.00			101	100 μH
		0418	3.85x3.85x1.8				
		0501	5.30x5.30x1.25				
		0502	5.30x5.30x2.00				
		0503	5.30x5.30x3.00				
		0601	5.90x5.90x1.25				
		0602	5.90x5.90x2.00				
		0603	5.90x5.90x3.00				

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Mechanical Specifications (mm)

Type / Code	A	B	C Max	D Max	E Ref	F Ref	Units
PDRH0301	0.155 ± 0.012 3.85 ± 0.3	0.155 ± 0.012 3.85 ± 0.3	0.049 1.25	0.179 4.55	0.118 3.00	0.075 1.90	inches mm
PDRH0302	0.155 ± 0.012 3.85 ± 0.3	0.155 ± 0.012 3.85 ± 0.3	0.079 2.00	0.179 4.55	0.118 3.00	0.075 1.90	inches mm
PDRH0303	0.155 ± 0.012 3.85 ± 0.3	0.155 ± 0.012 3.85 ± 0.3	0.118 3.00	0.179 4.55	0.118 3.00	0.075 1.90	inches mm
PDRH0418	0.152 ± 0.012 3.85 ± 0.30	0.152 ± 0.012 3.85 ± 0.30	0.071 1.8	0.189 4.8	0.118 3.0	0.063 1.6	inches mm
PDRH0501	0.209max 5.30max	0.209max 5.30max	0.049 1.25	0.224 5.70	0.154 3.90	0.075 1.90	inches mm
PDRH0502	0.209max 5.30max	0.209max 5.30max	0.079 2.00	0.224 5.70	0.154 3.90	0.075 1.90	inches mm
PDRH0503	0.209max 5.30max	0.209max 5.30max	0.118 3.00	0.224 5.70	0.154 3.90	0.075 1.90	inches mm
PDRH0601	0.232 ± 0.008 5.90 ± 0.20	0.232 ± 0.008 5.90 ± 0.20	0.049 1.25	0.226 6.50	0.106 2.70	0.173 4.40	inches mm
PDRH0602	0.232 ± 0.008 5.90 ± 0.20	0.232 ± 0.008 5.90 ± 0.20	0.079 2.00	0.226 6.50	0.106 2.70	0.173 4.40	inches mm
PDRH0603	0.232 ± 0.008 5.90 ± 0.20	0.232 ± 0.008 5.90 ± 0.20	0.118 3.00	0.226 6.50	0.106 2.70	0.173 4.40	inches mm

Electrical Characteristics - PDRH0301

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0301NT1R0	1	20, 30	0.06	1.6
PDRH0301NT1R2	1.2	20, 30	0.065	1.4
PDRH0301NT1R5	1.5	20, 30	0.077	1.24
PDRH0301NT1R8	1.8	20, 30	0.093	1.22
PDRH0301NT2R2	2.2	20, 30	0.125	1.2
PDRH0301NT2R4	2.4	30	0.139	0.98
PDRH0301NT3R3	3.3	20, 30	0.187	0.89
PDRH0301NT3R5	3.5	20, 30	0.21	0.85
PDRH0301NT3R9	3.9	20, 30	0.22	0.78
PDRH0301NT4R7	4.7	20, 30	0.24	0.71
PDRH0301NT5R6	5.6	20, 30	0.32	0.62
PDRH0301NT6R8	6.8	20, 30	0.35	0.57
PDRH0301NT8R2	8.2	20, 30	0.47	0.52

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Electrical Characteristics - PDRH0301

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0301NT100	10	20	0.57	0.47
PDRH0301NT120	12	20	0.75	0.43
PDRH0301NT150	15	20	0.81	0.38
PDRH0301NT180	18	20	1.06	0.35
PDRH0301NT220	22	20	1.15	0.32
PDRH0301NT270	27	20	1.67	0.29
PDRH0301NT330	33	20	1.84	0.28
PDRH0301NT390	39	20	2.31	0.25
PDRH0301NT470	47	20	2.63	0.22
PDRH0301NT500	50	20	2.7	0.21
PDRH0301NT560	56	20	2.86	0.2
PDRH0301NT680	68	20	3.94	0.18
PDRH0301NT820	82	20	4.9	0.16
PDRH0301NT101	100	20	5.74	0.14
PDRH0301NT121	120	20	7.31	0.13
PDRH0301NT151	150	20	9.08	0.12
PDRH0301NT181	180	20	9.5	0.11
PDRH0301NT331	330	20	20.99	0.08
PDRH0301NT821	820	20	54.03	0.06

Electrical Characteristics - PDRH0302

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0302NTR47	0.47	30	0.017	1.84
PDRH0302NT1R0	1	20, 30	0.03	1.8
PDRH0302NT1R2	1.2	20, 30	0.083	1.7
PDRH0302NT1R5	1.5	20, 30	0.052	1.6
PDRH0302NT1R8	1.8	20, 30	0.056	1.55
PDRH0302NT2R0	2	30	0.057	1.51
PDRH0302NT2R2	2.2	20, 30	0.058	1.5
PDRH0302NT2R4	2.4	30	0.059	1.41
PDRH0302NT2R5	2.5	20, 30	0.059	1.4
PDRH0302NT2R7	2.7	20, 30	0.06	1.35
PDRH0302NT3R3	3.3	20, 30	0.064	1.3
PDRH0302NT3R5	3.5	20, 30	0.127	1.3
PDRH0302NT4R7	4.7	20, 30	0.146	1.1
PDRH0302NT5R6	5.6	20, 30	0.176	0.95
PDRH0302NT6R2	6.2	20	0.22	0.91
PDRH0302NT6R8	6.8	20, 30	0.238	0.9
PDRH0302NT8R2	8.2	20, 30	0.272	0.8
PDRH0302NT100	10	20	0.299	0.7
PDRH0302NT150	15	20	0.472	0.61
PDRH0302NT180	18	20	0.552	0.58

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Electrical Characteristics - PDRH0302

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0302NT220	22	20	0.592	0.52
PDRH0302NT270	27	20	0.63	0.44
PDRH0302NT330	33	20	1.075	0.43
PDRH0302NT390	39	20	1.269	0.37
PDRH0302NT470	47	20	1.309	0.34
PDRH0302NT560	56	20	1.96	0.29
PDRH0302NT680	68	20	2.613	0.25
PDRH0302NT820	82	20	2.95	0.2
PDRH0302NT101	100	20	3.255	0.19
PDRH0302NT121	120	20	3.35	0.15
PDRH0302NT151	150	20	3.55	0.12
PDRH0302NT181	180	20	4	0.1
PDRH0302NT221	220	20	4.9	0.09
PDRH0302NT331	330	20	7.28	0.08
PDRH0302NT681	680	20	13.37	0.07
PDRH0302NT102	1000	20	19.55	0.065
PDRH0302NT152	1500	20	36.15	0.038
PDRH0302NT182	1800	20	57.62	0.036
PDRH0302NT222	2200	20	84.43	0.035

Electrical Characteristics - PDRH0303

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0303NT1R0	1	20, 30	0.009	1.9
PDRH0303NT1R2	1.2	20, 30	0.01	1.75
PDRH0303NT1R5	1.5	20, 30	0.013	1.45
PDRH0303NT2R0	2	30	0.016	1.25
PDRH0303NT2R2	2.2	20, 30	0.017	1.15
PDRH0303NT2R5	2.5	20, 30	0.018	1.05
PDRH0303NT2R7	2.7	20, 30	0.02	1
PDRH0303NT3R3	3.3	20, 30	0.024	0.96
PDRH0303NT3R5	3.5	20, 30	0.025	0.95
PDRH0303NT3R9	3.9	20, 30	0.033	0.87
PDRH0303NT4R7	4.7	20, 30	0.039	0.78
PDRH0303NT5R6	5.6	20, 30	0.044	0.74
PDRH0303NT6R8	6.8	20, 30	0.051	0.68
PDRH0303NT8R2	8.2	20, 30	0.065	0.57
PDRH0303NT100	10	20	0.092	0.43
PDRH0303NT120	12	20	0.1	0.38
PDRH0303NT150	15	20	0.113	0.33
PDRH0303NT180	18	20	0.125	0.3
PDRH0303NT220	22	20	0.146	0.28
PDRH0303NT270	27	20	0.176	0.26

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Electrical Characteristics - PDRH0303

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0303NT330	33	20	0.214	0.23
PDRH0303NT390	39	20	0.225	0.21
PDRH0303NT470	47	20	0.304	0.19
PDRH0303NT560	56	20	0.324	0.17
PDRH0303NT680	68	20	0.472	0.156
PDRH0303NT820	82	20	0.539	0.142
PDRH0303NT101	100	20	0.608	0.128
PDRH0303NT121	120	20	0.757	0.116
PDRH0303NT151	150	20	0.882	0.106
PDRH0303NT181	180	20	1.13	0.095
PDRH0303NT221	220	20	1.269	0.087
PDRH0303NT271	270	20	1.57	0.08
PDRH0303NT331	330	20	1.93	0.078
PDRH0303NT391	390	20	2.36	0.073
PDRH0303NT471	470	20	2.77	0.068
PDRH0303NT561	560	20	3.52	0.065
PDRH0303NT681	680	20	4.25	0.056
PDRH0303NT821	820	20	4.83	0.05
PDRH0303NT102	1000	20	6.26	0.047
PDRH0303NT122	1200	20	7.86	0.043
PDRH0303NT152	1500	20	9.98	0.039
PDRH0303NT182	1800	20	12.17	0.036
PDRH0303NT272	2700	20	16.12	0.029
PDRH0303NT332	3300	20	22.04	0.026
PDRH0303NT392	3900	20	27.5	0.022
PDRH0303NT472	4700	20	30.8	0.02
PDRH0303NT562	5600	20	35.94	0.019
PDRH0303NT682	6800	20	44.01	0.017

Electrical Characteristics - PDRH0418

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0418NT1R0	1.0	30	0.058	1.5
PDRH0418NT1R2	1.2	30	0.070	1.4
PDRH0418NT2R2	2.2	30	0.082	1.0
PDRH0418NT3R3	3.3	30	0.105	0.92
PDRH0418NT3R9	3.9	30	0.120	0.80
PDRH0418NT4R7	4.7	30	0.150	0.76
PDRH0418NT5R6	5.6	30	0.180	0.69
PDRH0418NT6R8	6.8	30	0.220	0.62
PDRH0418NT8R2	8.2	30	0.240	0.56
PDRH0418MT100	10	20	0.255	0.50
PDRH0418MT150	15	20	0.390	0.40

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Electrical Characteristics - PDRH0418

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0418MT220	22	20	0.610	0.32
PDRH0418MT330	33	20	0.920	0.28
PDRH0418MT470	47	20	1.130	0.20
PDRH0418MT680	68	20	1.520	0.15
PDRH0418MT101	100	20	2.120	0.10

Electrical Characteristics - PDRH0501

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0501NT1R0	1	30	0.044	1.62
PDRH0501NT1R2	1.2	20, 30	0.045	1.61
PDRH0501NT2R0	2	20, 30	0.062	1.3
PDRH0501NT2R2	2.2	20, 30	0.067	1.23
PDRH0501NT3R3	3.3	20, 30	0.095	0.93
PDRH0501NT3R5	3.5	20, 30	0.096	0.93
PDRH0501NT3R9	3.9	20, 30	0.042	1.93
PDRH0501NT4R7	4.7	20, 30	0.12	0.78
PDRH0501NT5R6	5.6	20, 30	0.14	0.74
PDRH0501NT6R2	6.2	20, 30	0.062	1.55
PDRH0501NT6R8	6.8	20, 30	0.17	0.62
PDRH0501NT8R2	8.2	20, 30	0.23	0.6
PDRH0501NT100	10	20	0.238	0.56
PDRH0501NT150	15	20	0.402	0.42
PDRH0501NT220	22	20	0.55	0.38
PDRH0501NT330	33	20	0.78	0.31
PDRH0501NT470	47	20	1.14	0.27
PDRH0501NT680	68	20	1.53	0.2
PDRH0501NT101	100	20	2.13	0.16
PDRH0501NT121	120	20	2.37	0.15
PDRH0501NT151	150	20	3.39	0.13
PDRH0501NT181	180	20	4.12	0.12
PDRH0501NT221	220	20	4.51	0.11
PDRH0501NT271	270	20	5.62	0.1
PDRH0501NT331	330	20	6.75	0.098
PDRH0501NT471	470	20	11.23	0.084
PDRH0501NT561	560	20	12.38	0.08

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Electrical Characteristics - PDRH0502

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0502NTR47	0.47	30	0.015	2.33
PDRH0502NT1R0	1	30	0.024	2.27
PDRH0502NT1R2	1.2	20, 30	0.044	2.15
PDRH0502NT2R0	2	20, 30	0.046	1.9
PDRH0502NT2R2	2.2	20, 30	0.059	1.63
PDRH0502NT3R3	3.3	20, 30	0.062	1.5
PDRH0502NT3R5	3.5	20, 30	0.073	1.34
PDRH0502NT4R1	4.1	20, 30	0.081	1.2
PDRH0502NT4R7	4.7	20, 30	0.087	1.14
PDRH0502NT6R8	6.8	20, 30	0.105	0.95
PDRH0502NT8R2	8.2	20, 30	0.139	0.9
PDRH0502NT100	10	20	0.15	0.76
PDRH0502NT150	15	20	0.21	0.63
PDRH0502NT220	22	20	0.275	0.56
PDRH0502NT270	27	20	0.452	0.48
PDRH0502NT330	33	20	0.455	0.44
PDRH0502NT470	47	20	0.73	0.35
PDRH0502NT680	68	20	0.935	0.3
PDRH0502NT820	82	20	1.3	0.27
PDRH0502NT101	100	20	1.5	0.23
PDRH0502NT121	120	20	1.91	0.22
PDRH0502NT151	150	20	2.68	0.21
PDRH0502NT181	180	20	3.04	0.2
PDRH0502NT221	220	20	3.52	0.195
PDRH0502NT271	270	20	4.38	0.193
PDRH0502NT331	330	20	5.56	0.19
PDRH0502NT471	470	20	7.82	0.18
PDRH0502NT821	820	20	15	0.12
PDRH0502NT392	3900	20	89.88	0.042
PDRH0502NT472	4700	20	101.12	0.038
PDRH0502NT562	5600	20	115	0.036
PDRH0502NT682	6800	20	152	0.03
PDRH0502NT103	10000	20	201.16	0.026

Electrical Characteristics - PDRH0503

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0503NTR47	0.47	30	0.01	4.82
PDRH0503NT1R0	1	30	0.015	4
PDRH0503NT1R1	1.1	20, 30	0.02	3.87
PDRH0503NT1R2	1.2	20, 30	0.022	3.8
PDRH0503NT2R0	2	20, 30	0.027	2.92

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Electrical Characteristics - PDRH0503

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0503NT2R2	2.2	20, 30	0.029	2.41
PDRH0503NT3R3	3.3	20, 30	0.034	2.36
PDRH0503NT3R5	3.5	20, 30	0.04	1.95
PDRH0503NT4R7	4.7	20, 30	0.045	1.87
PDRH0503NT5R6	5.6	20, 30	0.052	1.6
PDRH0503NT6R8	6.8	20, 30	0.068	1.51
PDRH0503NT8R2	8.2	20, 30	0.084	1.38
PDRH0503NT100	10	20	0.09	1.33
PDRH0503NT120	12	20	0.12	1.06
PDRH0503NT150	15	20	0.142	1.05
PDRH0503NT180	18	20	0.192	0.9
PDRH0503NT220	22	20	0.208	0.86
PDRH0503NT270	27	20	0.222	0.75
PDRH0503NT330	33	20	0.257	0.72
PDRH0503NT390	39	20	0.32	0.64
PDRH0503NT470	47	20	0.352	0.62
PDRH0503NT560	56	20	0.459	0.53
PDRH0503NT680	68	20	0.525	0.51
PDRH0503NT820	82	20	0.77	0.48
PDRH0503NT101	100	20	0.801	0.43
PDRH0503NT121	120	20	0.85	0.34
PDRH0503NT151	150	20	1.1	0.26
PDRH0503NT181	180	20	1.19	0.24
PDRH0503NT221	220	20	1.53	0.2
PDRH0503NT331	330	20	2.03	0.19
PDRH0503NT391	390	20	3	0.16
PDRH0503NT471	470	20	3.5	0.15
PDRH0503NT561	560	20	4.08	0.14
PDRH0503NT122	1200	20	8.5	0.07
PDRH0503NT152	1500	20	10	0.065
PDRH0503NT182	1800	20	13.15	0.062
PDRH0503NT222	2200	20	19	0.05
PDRH0503NT252	2500	20	20	0.045

Electrical Characteristics - PDRH0601

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0601NT1R0	1	20, 30	0.046	2.04
PDRH0601NT1R5	1.5	20, 30	0.052	1.46
PDRH0601NT2R0	2	20, 30	0.06	1.22
PDRH0601NT2R2	2.2	20, 30	0.06	1.22
PDRH0601NT2R8	2.8	20, 30	0.07	1.12
PDRH0601NT3R3	3.3	20, 30	0.09	0.94

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Electrical Characteristics - PDRH0601

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0601NT3R9	3.9	20, 30	0.1	0.86
PDRH0601NT4R7	4.7	20, 30	0.12	0.84
PDRH0601NT5R6	5.6	20, 30	0.14	0.74
PDRH0601NT6R2	6.2	20, 30	0.15	0.71
PDRH0601NT6R8	6.8	20, 30	0.16	0.68
PDRH0601NT8R2	8.2	20, 30	0.19	0.62
PDRH0601NT100	10	20	0.21	0.58
PDRH0601NT120	12	20	0.27	0.52
PDRH0601NT150	15	20	0.33	0.48
PDRH0601NT180	18	20	0.44	0.42
PDRH0601NT220	22	20	0.46	0.4
PDRH0601NT270	27	20	0.56	0.34
PDRH0601NT330	33	20	0.63	0.32
PDRH0601NT390	39	20	0.78	0.3
PDRH0601NT470	47	20	0.9	0.28
PDRH0601NT560	56	20	1.08	0.24
PDRH0601NT680	68	20	1.34	0.22
PDRH0601NT820	82	20	1.54	0.2
PDRH0601NT101	100	20	1.96	0.18
PDRH0601NT121	120	20	2.3	0.16
PDRH0601NT151	150	20	2.7	0.14
PDRH0601NT181	180	20	3.47	0.13
PDRH0601NT221	220	20	4.5	0.12
PDRH0601NT271	270	20	5.62	0.1
PDRH0601NT331	330	20	6.35	0.096
PDRH0601NT391	390	20	7.52	0.094
PDRH0601NT471	470	20	8.64	0.084
PDRH0601NT561	560	20	11.02	0.074
PDRH0601NT681	680	20	13.04	0.072
PDRH0601NT821	820	20	17.36	0.064
PDRH0601NT102	1000	20	19.84	0.058
PDRH0601NT122	1200	20	22.46	0.05
PDRH0601NT152	1500	20	27.22	0.046

Electrical Characteristics - PDRH0602

Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0602NT1R0	1	20, 30	0.021	3.82
PDRH0602NT1R2	1.2	20, 30	0.025	3.02
PDRH0602NT1R5	1.5	20, 30	0.028	2.58
PDRH0602NT1R8	1.8	20, 30	0.033	2.52
PDRH0602NT2R2	2.2	20, 30	0.038	2.3
PDRH0602NT2R4	2.4	20, 30	0.039	2.22

PDRH Series — SMD Shielded Power Inductor

Electrical Characteristics - PDRH0602				
Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0602NT2R8	2.8	20, 30	0.045	2.02
PDRH0602NT3R3	3.3	20, 30	0.05	1.95
PDRH0602NT3R9	3.9	20, 30	0.055	1.92
PDRH0602NT4R7	4.7	20, 30	0.064	1.62
PDRH0602NT5R6	5.6	20, 30	0.076	1.42
PDRH0602NT6R2	6.2	20, 30	0.088	1.32
PDRH0602NT6R8	6.8	20, 30	0.097	1.27
PDRH0602NT7R3	7.3	20, 30	0.098	1.22
PDRH0602NT7R5	7.5	20, 30	0.1	1.12
PDRH0602NT8R2	8.2	20, 30	0.105	1.1
PDRH0602NT9R0	9	20, 30	0.11	1.02
PDRH0602NT100	10	20	0.13	0.98
PDRH0602NT120	12	20	0.17	0.96
PDRH0602NT150	15	20	0.19	0.94
PDRH0602NT180	18	20	0.22	0.92
PDRH0602NT220	22	20	0.26	0.82
PDRH0602NT270	27	20	0.32	0.74
PDRH0602NT330	33	20	0.37	0.62
PDRH0602NT390	39	20	0.47	0.52
PDRH0602NT470	47	20	0.56	0.5
PDRH0602NT560	56	20	0.71	0.44
PDRH0602NT680	68	20	0.81	0.4
PDRH0602NT820	82	20	1.01	0.34
PDRH0602NT101	100	20	1.3	0.32
PDRH0602NT121	120	20	1.43	0.26
PDRH0602NT151	150	20	1.86	0.24
PDRH0602NT181	180	20	2.25	0.22
PDRH0602NT221	220	20	2.75	0.2
PDRH0602NT271	270	20	3.49	0.18
PDRH0602NT331	330	20	4.09	0.16
PDRH0602NT391	390	20	4.64	0.15
PDRH0602NT471	470	20	5.8	0.14
PDRH0602NT561	560	20	7.34	0.13
PDRH0602NT681	680	20	9.23	0.12
PDRH0602NT821	820	20	11.04	0.11
PDRH0602NT102	1000	20	12.58	0.1
PDRH0602NT122	1200	20	14.2	0.09
PDRH0602NT152	1500	20	16.48	0.08

PDRH Series — SMD Shielded Power Inductor

Electrical Characteristics - PDRH0603				
Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0603NT1R0	1	20, 30	0.014	4.7
PDRH0603NT1R2	1.2	20, 30	0.016	3.9
PDRH0603NT1R5	1.5	20, 30	0.018	3.52
PDRH0603NT1R8	1.8	20, 30	0.019	3.25
PDRH0603NT2R0	2	20, 30	0.022	2.95
PDRH0603NT2R2	2.2	20, 30	0.022	2.95
PDRH0603NT2R4	2.4	20, 30	0.024	2.75
PDRH0603NT2R8	2.8	20, 30	0.027	2.55
PDRH0603NT3R3	3.3	20, 30	0.03	2.45
PDRH0603NT3R9	3.9	20, 30	0.034	2.35
PDRH0603NT4R7	4.7	20, 30	0.042	2.25
PDRH0603NT5R6	5.6	20, 30	0.048	2.05
PDRH0603NT6R8	6.8	20, 30	0.054	1.85
PDRH0603NT8R2	8.2	20, 30	0.058	1.65
PDRH0603NT100	10	20	0.065	1.45
PDRH0603NT120	12	20	0.082	1.35
PDRH0603NT150	15	20	0.096	1.25
PDRH0603NT180	18	20	0.11	1.15
PDRH0603NT220	22	20	0.14	0.98
PDRH0603NT270	27	20	0.17	0.9
PDRH0603NT330	33	20	0.21	0.8
PDRH0603NT390	39	20	0.24	0.72
PDRH0603NT470	47	20	0.28	0.7
PDRH0603NT560	56	20	0.34	0.66
PDRH0603NT680	68	20	0.41	0.58
PDRH0603NT820	82	20	0.49	0.52
PDRH0603NT101	100	20	0.55	0.46
PDRH0603NT121	120	20	0.7	0.42
PDRH0603NT151	150	20	0.78	0.36
PDRH0603NT181	180	20	0.96	0.34
PDRH0603NT221	220	20	1.08	0.32
PDRH0603NT271	270	20	1.36	0.28
PDRH0603NT331	330	20	1.82	0.24
PDRH0603NT391	390	20	2.05	0.22
PDRH0603NT471	470	20	2.58	0.2
PDRH0603NT561	560	20	3.16	0.18
PDRH0603NT681	680	20	4.04	0.16
PDRH0603NT821	820	20	4.9	0.14
PDRH0603NT102	1000	20	6	0.13
PDRH0603NT122	1200	20	7.6	0.12
PDRH0603NT152	1500	20	9.44	0.1
PDRH0603NT182	1800	20	11.7	0.098
PDRH0603NT222	2200	20	13.4	0.095

PDRH Series — SMD Shielded Power Inductor

Electrical Characteristics - PDRH0603				
Part Number	L (μH)	Tolerance (%)	DCR (Ω) Max	IDC (A) Max
PDRH0603NT272	2700	20	17.3	0.086
PDRH0603NT332	3300	20	22.1	0.078
PDRH0603NT392	3900	20	24.4	0.074
PDRH0603NT472	4700	20	30.1	0.072
PDRH0603NT562	5600	20	33.5	0.066
PDRH0603NT682	6800	20	44.4	0.062
PDRH0603NT822	8200	20	50.7	0.048
PDRH0603NT103	10000	20	65.6	0.044
PDRH0603NT123	12000	20	74.2	0.038
PDRH0603NT153	15000	20	92.3	0.034
PDRH0603NT183	18000	20	104.1	0.03
PDRH0603NT223	22000	20	154.5	0.028
PDRH0603NT273	27000	20	175.4	0.026