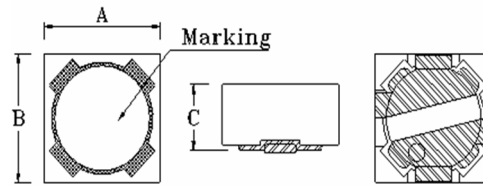


Shielded SMD Power Coils

JPRH 07 series

DIMENSIONS



mm

No.	Part No.	A	B	C
1	JPRH 0703	7.3 ± 0.2	7.3 ± 0.2	3.2 ± 0.2
2	JPRH 0704	7.3 ± 0.2	7.3 ± 0.2	4.5 Max.

SERIES LIST

No.	Part No	Inductance	Test Freq	RDC(mΩ)	IDC(A)
		(μH)	(KHz)	MAX	Max.
1	JPRH 0703 – 100 □	10	1	0.072	1.68
2	JPRH 0703 – 120 □	12	1	0.098	1.52
3	JPRH 0703 – 150 □	15	1	0.130	1.33
4	JPRH 0703 – 180 □	18	1	0.140	1.20
5	JPRH 0703 – 220 □	22	1	0.190	1.07
6	JPRH 0703 – 270 □	27	1	0.210	0.96
7	JPRH 0703 – 330 □	33	1	0.240	0.91
8	JPRH 0703 – 390 □	39	1	0.320	0.77
9	JPRH 0703 – 470 □	47	1	0.360	0.76
10	JPRH 0703 – 560 □	56	1	0.470	0.68
11	JPRH 0703 – 680 □	68	1	0.520	0.61
12	JPRH 0703 – 820 □	82	1	0.690	0.57
13	JPRH 0703 – 101 □	100	1	0.790	0.50
14	JPRH 0703 – 121 □	120	1	0.890	0.49
15	JPRH 0703 – 151 □	150	1	1.270	0.43
16	JPRH 0703 – 181 □	180	1	1.450	0.39
17	JPRH 0703 – 221 □	220	1	1.650	0.35
18	JPRH 0703 – 271 □	270	1	2.310	0.32
19	JPRH 0703 – 331 □	330	1	2.620	0.28
20	JPRH 0703 – 391 □	390	1	2.940	0.26
21	JPRH 0703 – 471 □	470	1	4.180	0.24
22	JPRH 0703 – 561 □	560	1	4.670	0.22
23	JPRH 0703 – 681 □	680	1	5.730	0.19
24	JPRH 0703 – 821 □	820	1	6.540	0.18
25	JPRH 0703 – 102 □	1,000	1	9.440	0.16
1	JPRH 0704 – 100 □	10	1	0.049	1.84
2	JPRH 0704 – 120 □	12	1	0.058	1.71
3	JPRH 0704 – 150 □	15	1	0.081	1.47
4	JPRH 0704 – 180 □	18	1	0.091	1.31
5	JPRH 0704 – 220 □	22	1	0.110	1.23
6	JPRH 0704 – 270 □	27	1	0.150	1.12
7	JPRH 0704 – 330 □	33	1	0.170	0.96
8	JPRH 0704 – 390 □	39	1	0.230	0.91
9	JPRH 0704 – 470 □	47	1	0.260	0.88
10	JPRH 0704 – 560 □	56	1	0.350	0.75
11	JPRH 0704 – 680 □	68	1	0.380	0.69
12	JPRH 0704 – 820 □	82	1	0.430	0.61
13	JPRH 0704 – 101 □	100	1	0.610	0.60
14	JPRH 0704 – 121 □	120	1	0.660	0.52
15	JPRH 0704 – 151 □	150	1	0.880	0.46
16	JPRH 0704 – 181 □	180	1	0.980	0.42
17	JPRH 0704 – 221 □	220	1	1.170	0.36
18	JPRH 0704 – 271 □	270	1	1.640	0.34
19	JPRH 0704 – 331 □	330	1	1.860	0.32
20	JPRH 0704 – 391 □	390	1	2.850	0.29
21	JPRH 0704 – 471 □	470	1	3.010	0.26
22	JPRH 0704 – 561 □	560	1	3.620	0.23
23	JPRH 0704 – 681 □	680	1	4.630	0.22
24	JPRH 0704 – 821 □	820	1	5.200	0.20
25	JPRH 0704 – 102 □	1,000	1	6.000	0.18

1.Tolerance: K = ± 10% ; M = ± 20% , M is standard.

2.Inductance drop 25% no more than initial value at rate current, temperature rises Δt<40°C.

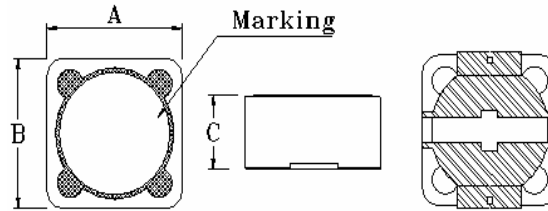
3.We still have another series. If you request other specification, please contact JANTEK.



Shielded SMD Power Coils

JPRH 12 series

DIMENSIONS



mm

No.	Part No.	A	B	C
1	JPRH 1205	12.0 ± 0.3	12.0 ± 0.3	6.0 Max.
2	JPRH 1207	12.0 ± 0.3	12.0 ± 0.3	8.0 Max.
3	JPRH 1209	12.0 ± 0.3	12.0 ± 0.3	10.0 Max.

SERIES LIST #1

No.	Part No	Inductance (μ H)	Test Freq (KHz)	RDC(m Ω) MAX	IDC(A) Max.
1	JPRH 1205 – 1R3 □	1.3	7.96 MHz	0.012	8
2	JPRH 1205 – 2R1 □	2.1	7.96 MHz	0.014	7
3	JPRH 1205 – 3R1 □	3.1	7.96 MHz	0.017	6
4	JPRH 1205 – 4R4 □	4.4	7.96 MHz	0.020	5
5	JPRH 1205 – 5R8 □	5.8	7.96 MHz	0.021	4.4
6	JPRH 1205 – 7R5 □	7.5	7.96 MHz	0.024	4.2
7	JPRH 1205 – 100 □	10	1	0.025	4.00
8	JPRH 1205 – 120 □	12	1	0.027	3.50
9	JPRH 1205 – 150 □	15	1	0.030	3.30
10	JPRH 1205 – 180 □	18	1	0.034	3.00
11	JPRH 1205 – 220 □	22	1	0.036	2.80
12	JPRH 1205 – 270 □	27	1	0.051	2.30
13	JPRH 1205 – 330 □	33	1	0.057	2.10
14	JPRH 1205 – 390 □	39	1	0.068	2.00
15	JPRH 1205 – 470 □	47	1	0.075	1.80
16	JPRH 1205 – 560 □	56	1	0.110	1.70
17	JPRH 1205 – 680 □	68	1	0.120	1.50
18	JPRH 1205 – 820 □	82	1	0.140	1.40
19	JPRH 1205 – 101 □	100	1	0.160	1.30
20	JPRH 1205 – 121 □	120	1	0.170	1.10
21	JPRH 1205 – 151 □	150	1	0.230	1.00
22	JPRH 1205 – 181 □	180	1	0.290	0.90
23	JPRH 1205 – 221 □	220	1	0.400	0.80
24	JPRH 1205 – 271 □	270	1	0.460	0.75
25	JPRH 1205 – 331 □	330	1	0.510	0.68
26	JPRH 1205 – 391 □	390	1	0.690	0.65
27	JPRH 1205 – 471 □	470	1	0.770	0.58
28	JPRH 1205 – 561 □	560	1	0.860	0.54
29	JPRH 1205 – 681 □	680	1	1.200	0.48
30	JPRH 1205 – 821 □	820	1	1.340	0.43
31	JPRH 1205 – 102 □	1,000	1	1.530	0.40
1	JPRH 1207 – 1R0 □	1.0	100	0.006	14
2	JPRH 1207 – 2R4 □	2.4	100	0.010	10.3
3	JPRH 1207 – 3R5 □	3.5	100	0.012	9.3
4	JPRH 1207 – 4R6 □	4.6	100	0.014	9.1
5	JPRH 1207 – 5R8 □	5.8	100	0.016	8.6
6	JPRH 1207 – 7R4 □	7.4	100	0.018	7.4

1.Tolerance: K = ± 10% ; M = ± 20% , M is standard.

2.Inductance drop 25% no more than initial value at rate current, temperature rises $\Delta t < 40^{\circ}\text{C}$.

3.We still have another series. If you request other specification, please contact JANTEK.



Shielded SMD Power Coils

JPRH 12 series

■ SERIES LIST #2

No.	Part No	Inductance (μ H)	Test Freq (KHz)	RDC(m Ω)	IDC(A)
				MAX	Max.
1	JPRH 1207 – 100 □	10	1	0.019	6.70
2	JPRH 1207 – 120 □	12	1	0.021	6.45
3	JPRH 1207 – 150 □	15	1	0.026	5.65
4	JPRH 1207 – 180 □	18	1	0.028	5.10
5	JPRH 1207 – 220 □	22	1	0.036	4.70
6	JPRH 1207 – 270 □	27	1	0.041	4.20
7	JPRH 1207 – 330 □	33	1	0.053	3.90
8	JPRH 1207 – 390 □	39	1	0.060	3.50
9	JPRH 1207 – 470 □	47	1	0.078	3.25
10	JPRH 1207 – 560 □	56	1	0.090	2.90
11	JPRH 1207 – 680 □	68	1	0.120	2.60
12	JPRH 1207 – 820 □	82	1	0.119	2.40
13	JPRH 1207 – 101 □	100	1	0.151	2.10
14	JPRH 1207 – 121 □	120	1	0.169	1.90
15	JPRH 1207 – 151 □	150	1	0.227	1.80
16	JPRH 1207 – 181 □	180	1	0.299	1.55
17	JPRH 1207 – 221 □	220	1	0.338	1.45
18	JPRH 1207 – 271 □	270	1	0.419	1.30
19	JPRH 1207 – 331 □	330	1	0.471	1.20
20	JPRH 1207 – 391 □	390	1	0.572	1.10
21	JPRH 1207 – 471 □	470	1	0.741	1.00
22	JPRH 1207 – 561 □	560	1	0.852	0.95
23	JPRH 1207 – 681 □	680	1	1.130	0.85
24	JPRH 1207 – 821 □	820	1	1.240	0.75
25	JPRH 1207 – 102 □	1,000	1	1.500	0.70
1	JPRH 1209 – 1R0 □	1.0	100	0.038	20
2	JPRH 1209 – 2R4 □	2.4	100	0.062	15
3	JPRH 1209 – 150 □	15	1	0.022	6
4	JPRH 1209 – 220 □	22	1	0.039	5
5	JPRH 1209 – 330 □	33	1	0.058	4.3
6	JPRH 1209 – 470 □	47	1	0.061	4.2
7	JPRH 1209 – 680 □	68	1	0.089	3
8	JPRH 1209 – 101 □	100	1	0.160	2.4
9	JPRH 1209 – 151 □	150	1	0.190	2.2
10	JPRH 1209 – 181 □	180	1	0.209	2
11	JPRH 1209 – 221 □	220	1	0.290	1.6
12	JPRH 1209 – 231 □	230	1	0.290	1.6
13	JPRH 1209 – 331 □	330	1	0.386	1.3

1.Tolerance: K = \pm 10% ; M = \pm 20% , M is standard.

2.Inductance drop 25% no more than initial value at rate current, temperature rises $\Delta t < 40^{\circ}\text{C}$.

3.We still have another series. If you request other specification, please contact JANTEK.



For latest information, please visit our latest website: <https://www.jantek-elec.com.tw>

