



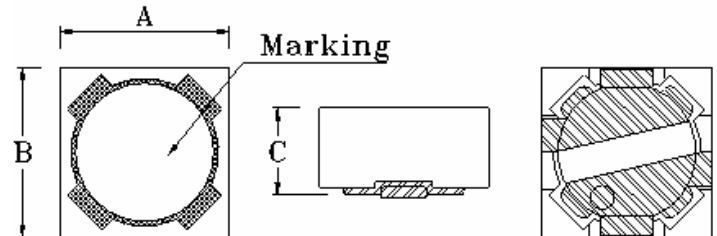
### PRODUCT IDENTIFICATION

JPRH - 0703- 1R0 M

Type                  Size                  Inductance                  Tolerance

### FEATURES

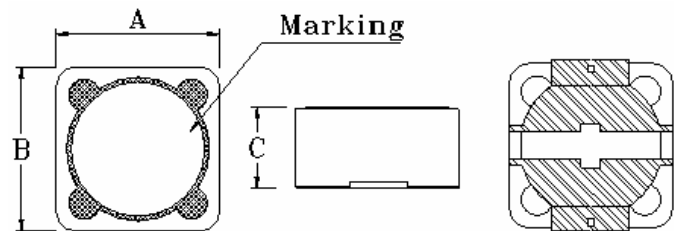
- ◆ JPRH series is superior to be high saturation for surface mounting
- ◆ Magnetic shielding
- ◆ Very small footprint
- ◆ Flat-top for pick and place
- ◆ Increased size selection guide
- ◆ Low resistance to keep power loss minimum



JPRH 0703 JPRH 0704

### APPLICATIONS

- ◆ Ideal for palm-top and laptop
- ◆ LCD television set
- ◆ Excellent for power line DC to DC converters application used in hard disk, notebook computer



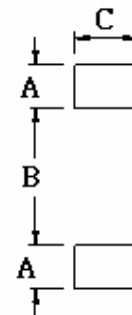
JPRH 1205 JPRH 1207 JPRH 1209

### DIMENSIONS (mm)

No.	Part No.	Size (mm)		
		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.
3	JPRH 1205	12.0 ± 0.3	12.0 ± 0.3	6.0 Max.
4	JPRH 1207	12.0 ± 0.3	12.0 ± 0.3	8.0 Max.
5	JPRH 1209	12.0 ± 0.3	12.0 ± 0.3	10.0 Max.

### RECOMMENDED PATTERN

Type	A	B	C
JPRH 0703	1.5	4.8	2.2
JPRH 0704	1.6	4.8	2.2
JPRH 1205	2.8	7.0	5.4
JPRH 1207	2.9	7.0	5.4
JPRH 1209	2.9	7.0	5.4



### PACKAGE

Type	JPRH 0703	JPRH 0704	JPRH 1205	JPRH 1207	JPRH 1209
Q'TY/Reel	1,000	1,000	500	500	250

Part Code	L (μH)	JPRH 0703		JPRH 0704		JPRH 1205		JPRH 1207		JPRH 1209	
		RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)	RDC (Ω)	IDC (A)
1R0	1.0							0.006	14.00	0.038	20.00
1R3	1.3					0.012	8.00				
2R1	2.1					0.014	7.00				
2R4	2.4							0.010	10.30	0.062	15.00
3R1	3.1					0.017	6.00				
3R5	3.5							0.012	9.30		
4R4	4.4					0.020	5.00				
4R6	4.6							0.014	9.10		
5R8	5.8					0.021	4.40	0.016	8.60		
7R4	7.4							0.018	7.40		
7R5	7.5					0.024	4.20				
100	10	0.072	1.68	0.049	1.84	0.025	4.00	0.019	6.70		
120	12	0.098	1.52	0.058	1.71	0.027	3.50	0.021	6.45		
150	15	0.130	1.33	0.081	1.47	0.030	3.30	0.026	5.65	0.022	6.00
180	18	0.140	1.20	0.091	1.31	0.034	3.00	0.028	5.10		
220	22	0.190	1.07	0.110	1.23	0.036	2.80	0.036	4.70	0.390	5.00
270	27	0.210	0.96	0.150	1.12	0.051	2.30	0.041	4.20		
330	33	0.240	0.91	0.170	0.96	0.057	2.10	0.053	3.90	0.520	4.300
390	39	0.320	0.77	0.230	0.91	0.068	2.00	0.060	3.50		
470	47	0.360	0.76	0.260	0.88	0.075	1.80	0.078	3.25	0.061	4.20
560	56	0.470	0.68	0.350	0.75	0.110	1.70	0.090	2.90		
680	68	0.520	0.61	0.380	0.69	0.120	1.50	0.120	2.60	0.885	3.00
820	82	0.690	0.57	0.430	0.61	0.140	1.40	0.119	2.40		
101	100	0.790	0.50	0.610	0.60	0.160	1.30	0.151	2.10	1.600	2.400
121	120	0.890	0.49	0.660	0.52	0.170	1.10	0.169	1.90		
151	150	1.270	0.43	0.880	0.46	0.230	1.00	0.227	1.80	0.190	2.20
181	180	1.450	0.39	0.980	0.42	0.290	0.90	0.299	1.55	0.209	2.00
221	220	1.650	0.35	1.170	0.36	0.400	0.80	0.338	1.45	0.290	1.60
231	230									2.900	1.60
271	270	2.310	0.32	1.640	0.34	0.460	0.75	0.419	1.30		
331	330	2.620	0.28	1.860	0.32	0.510	0.68	0.471	1.20	0.386	1.30
391	390	2.940	0.26	2.850	0.29	0.690	0.65	0.572	1.10		
471	470	4.180	0.24	3.010	0.26	0.770	0.58	0.741	1.00		
561	560	4.670	0.22	3.620	0.23	0.860	0.54	0.852	0.95		
681	680	5.730	0.19	4.630	0.22	1.200	0.48	1.130	0.85		
821	820	6.540	0.18	5.200	0.20	1.340	0.43	1.240	0.75		
102M	1000	9.440	0.16	6.000	0.18	1.530	0.40	1.500	0.70		

DCR & IDC listed are all Max. Value.

Tolerance : M= ± 20%, N= ± 30% , M tolerance is standard.

**\*\*Other Spec. is available to be case by case. Welcome to contact our sales.\*\***