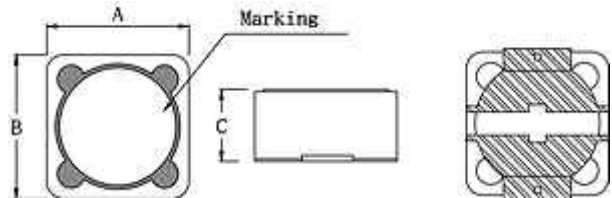
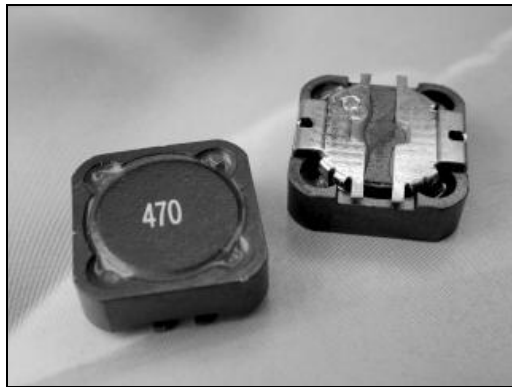




SMD Shielded Power Inductor – SPRH Series



Features

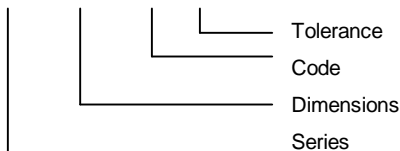
- SPRH series is superior to be high saturation for surface mounting
- Magnetic shielding
- Very small footprint
- Flat-top for pick and place
- Increased size selection-guide
- Low resistance to keep power loss minimum

Dimensions

Part No.	A	B	C
SPRH0703	7.3 ± 0.2	7.3 ± 0.2	3.2 ± 0.2
SPRH0704	7.3 ± 0.2	7.3 ± 0.2	4.5 Max.
SPRH1205	12.0 ± 0.3	12.0 ± 0.3	6.0 Max.
SPRH1207	12.0 ± 0.3	12.0 ± 0.3	8.0 Max.

Ordering Information

SPRH 0703 – 5R8 M



SIZE	SPRH0703	SPRH0704	SPRH1205	SPRH1207
QTY/REEL	1000pcs.	1000pcs.	500pcs.	500pcs.

Characteristics

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

Code	L (µH)	SPRH0703		SPRH0704		SPRH1205		SPRH1207	
		RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)	RDC Max.(Ω)	IDC Max.(A)
1R0	1.0							0.007	14.00
1R3	1.3					0.012	8.00		
2R1	2.1					0.014	7.00		
2R4	2.4							0.011	10.30
3R1	3.1					0.017	6.00		
3R5	3.5							0.013	9.30
4R4	4.4					0.020	5.00		
4R6	4.6							0.014	9.10
5R8	5.8					0.021	4.40	0.017	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	0.020	6.70
120	12	0.098	1.52	0.058	1.71	0.027	3.50	0.022	6.45
150	15	0.130	1.33	0.081	1.47	0.030	3.30	0.027	5.65
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	0.037	4.70
270	27	0.210	0.96	0.150	1.12	0.051	2.30	0.042	4.20
330	33	0.240	0.91	0.170	0.96	0.057	2.10	0.054	3.90
390	39	0.320	0.77	0.230	0.91	0.068	2.00	0.061	3.50
470	47	0.360	0.76	0.260	0.88	0.075	1.80	0.078	3.25
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
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
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
181	180	1.450	0.39	0.980	0.42	0.290	0.90	0.299	1.55
221	220	1.650	0.35	1.170	0.36	0.400	0.80	0.338	1.45
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
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
102	1000	9.440	0.16	6.000	0.18	1.530	0.40	1.500	0.70