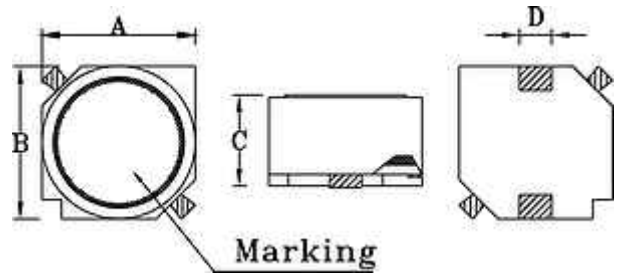
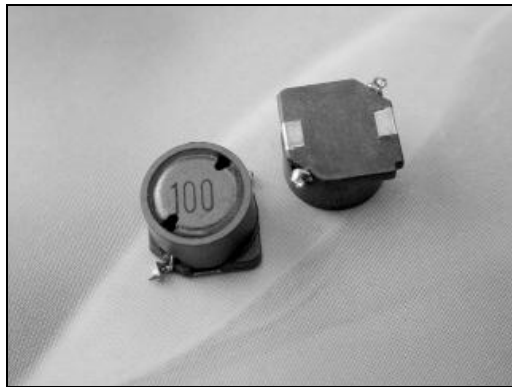


# SMD Shielded Power Inductor – SSB Series

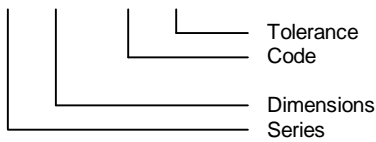


### Features

- Magnetic shielding
- Flat bottom surface ensures secure and reliable mounting
- Low DC resistance, low profile and high current rating capacities

### Ordering Information

SSB 0703-4R7 M



### Dimensions

Part No.	A	B	C
SSB0703	7.6 Max.	7.6 Max.	3.5 Max.
SSB0705	7.6 Max.	7.6 Max.	5.1 Max.
SSB1003	10.5 Max.	10.5 Max.	3.5 Max.
SSB1206	12.5 ± 0.3	12.5 ± 0.3	5.5 ± 0.35
SSB1207	12.5 ± 0.3	12.5 ± 0.3	6.5 ± 0.35

SIZE	SSB0703	SSB0705	SSB1003	SSB1206	SSB1207
QTY/REEL	1000pcs.	1000pcs.	1000pcs.	500pcs.	500pcs.

### Characteristics

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

Code	L (µH)	SSB0703		SSB0705		SSB1003		SSB1206		SSB1207	
		RDC Max.(Ω)	IDC Max.(A)	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	0.019	3.12	0.020	2.80						
1R5	1.5	0.023	2.85	0.024	2.59						
2R0	2.0									0.014	6.20
2R2	2.2	0.028	2.66	0.028	2.38	0.016	5.00				
3R3	3.3	0.035	2.26	0.034	2.14						
4R0	4.0					0.023	3.20				
4R2	4.2									0.018	5.50
4R7	4.7	0.043	1.96	0.039	1.96						
6R0	6.0							0.020	4.90		
6R8	6.8	0.055	1.76	0.050	1.79						
7R0	7.0					0.042	2.30			0.022	5.00
100	10	0.080	1.34	0.055	1.63	0.058	2.10	0.026	4.30	0.025	4.80
120	12	0.090	1.23	0.073	1.42						
150	15	0.120	1.09	0.081	1.33	0.080	1.60	0.032	3.90	0.029	4.40
180	18	0.130	0.99	0.102	1.15						
220	22	0.150	0.90	0.115	1.09	0.109	1.30	0.041	3.40	0.038	3.80
270	27	0.210	0.81	0.159	0.91						
330	33	0.250	0.72	0.182	0.84	0.177	1.10	0.050	3.10	0.049	3.40
390	39	0.310	0.67	0.199	0.80						
470	47	0.350	0.60	0.221	0.75	0.234	1.00	0.075	2.50	0.070	2.80
560	56	0.430	0.55	0.306	0.64						
680	68	0.520	0.50	0.345	0.60	0.324	0.90	0.101	2.20	0.095	2.40
820	82	0.600	0.46	0.390	0.57						
101	100	0.792	0.41	0.432	0.50	0.519	0.72	0.141	1.80	0.148	1.90
121	120			0.440	0.47						
151	150			0.730	0.40			0.228	1.40		
181	180			0.780	0.39						
221	220			0.940	0.33	1.215	0.46	0.624	1.20	0.328	1.20
271	270			1.250	0.31						
331	330			1.400	0.27			0.492	1.00		
471	470			1.700	0.25			0.624	0.88		
561	560			2.390	0.22						
681	680							0.912	0.73		
102	1000							1.344	0.60		
152	1500							2.076	0.48		