SMD POWER INDUCTORS
SSB TYPE

PRODUCT IDENTIFICATION

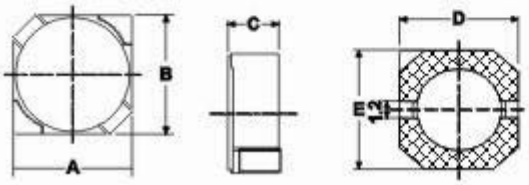
S	S	B	–	0	5	0	3	–	1	0	1	M	–	N	P
		1			2		3			4		5			6

1.PRODUCT SYMBOL
2.OUTSIDE DIA : mm
3.BODY HEIGHT : mm
4.INDUCTANCE : μH
5.TOLERANCE : K±10% , L±15% , M±20%
6.Meet ROHS Regulations of Prohibiped 6 Poisonous Materials

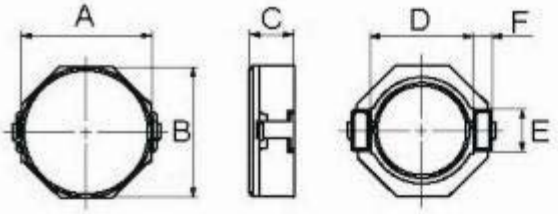
FEATURE

- Various high power inductors are supperior to be High saturation for surface mounting.
- Available in magnetically shielded.

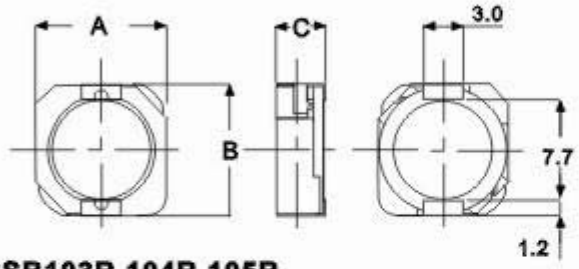
SHAPES & DIMENSION FOR SSB SERIES (mm)



FOR SSB2D11,2D18,3D16,3D28,0502,0503,0602,0603,0702,0703,0704

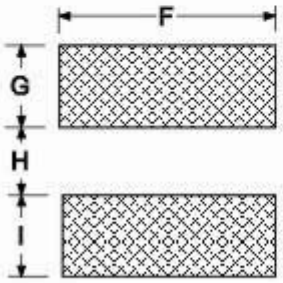


FOR SSB0903,0904



FOR SSB103R,104R,105R

ECOMMENDED PATTERN (mm)



SMD POWER INDUCTORS
SSB TYPE

Part No.	A	B	C	D	E	F	G	H	I
SSB 2D11	3.2Max.	3.2Max.	1.2Max.						
SSB 2D18	3.2Max.	3.2Max.	2.0Max.						
SSB 3D16	3.8±0.3	3.8±0.3	1.6±0.3	3.7	3.7	4.3	1.6	1.2	1.6
SSB 3D28	3.8±0.3	3.8±0.3	3.3±0.3	3.7	3.7	4.3	1.6	1.2	1.6
SSB 0502	5.3Max.	5.3Max.	2.0Max.	4.5	4.5	5.3	1.9	1.5	1.9
SSB 0503	5.3Max.	5.3Max.	3.0Max.	4.5	4.5	5.3	1.9	1.5	1.9
SSB 0602	6.0±0.3	6.0±0.3	2.0±0.3	5.7	5.7	6.3	2.15	2.0	2.15
SSB 0603	6.0±0.3	6.0±0.3	3.0±0.3	5.7	5.7	6.3	2.15	2.0	2.15
SSB 0702	6.7±0.3	6.7±0.3	2.0Max.	6.5	6.5	7.3	2.65	2.0	2.65
SSB 0703	6.7±0.3	6.7±0.3	3.0Max.	6.5	6.5	7.3	2.65	2.0	2.65
SSB 0704	6.7±0.3	6.7±0.3	4.0Max.	6.5	6.5	7.3	2.65	2.0	2.65
SSB 0903	8.3Max.	8.3Max.	3.0Max.	2.8	6.1	3.2	1.6	6.0	1.6
SSB 0904	8.3Max.	8.3Max.	4.0Max.	2.8	6.1	3.2	1.6	6.0	1.6
SSB103R	10.3Max.	10.5Max.	3.1Max.			3.2	1.7	7.7	1.7
SSB 104R	10.0±0.5	10.1±0.5	3.8±0.2			3.2	1.7	7.7	1.7
SSB 105R	10.0±0.5	10.1±0.5	5.1Max.			3.2	1.7	7.7	1.7

ELECTRICAL SPECIFICATION

Part	L	RDC(OHM) Max.								IDC(A)Max.							
NO.	(μH)	2D11	2D18	3D16	3D28	0502	0503	0602	0603	2D11	2D18	3D16	3D28	0502	0503	0602	0603
1R0	1.0					0.045								1.72			
1R2	1.2						0.0236	0.042							2.56	2.40	
1R5	1.5	0.068		0.052						0.900		1.55					
1R8	1.8						0.0275								2.20		
2R2	2.2	0.098	0.041	0.072		0.075	0.0313	0.045		0.780	0.850	1.2		1.32	2.04	2.10	
2R6	2.6								0.018								2.60
2R7	2.7					0.105	0.0433							1.28	1.60		
3R0	3.0								0.024								2.40
3R3	3.3		0.054	0.085	0.072	0.110	0.0492		0.027		0.750	1.1	2.00	1.04	1.57		2.25
3R9	3.9	0.123				0.155	0.0648			0.600				0.88	1.44		
4R1	4.1							0.057								1.95	
4R2	4.2								0.031								2.20
4R7	4.7		0.078	0.105	0.088	0.162	0.0720	0.072	0.037		0.630	0.9	1.65	0.84	1.32	1.70	
5R3	5.3								0.038								1.90
5R4	5.4							0.076								1.60	
5R6	5.6	0.170				0.170	0.1009			0.500				0.80	1.17		
6R2	6.2							0.096	0.045							1.40	1.80
6R8	6.8		0.106	0.17	0.119	0.200	0.1089	0.100			0.052	0.73	1.24	0.76	1.12	1.30	
8R2	8.2	0.260		0.20		0.230	0.1175	0.114	0.053	0.440		0.60		0.68	1.04	1.28	1.60
8R9	8.9							0.116	0.116							1.25	
100	10	0.400	0.180	0.21	0.145	0.260	0.1283	0.124	0.650	0.350	0.430	0.55	1.05	0.61	1.00	1.20	1.30
120	12					0.280	0.1316	0.153	0.076					0.56	0.84	1.10	1.20
150	15		0.220	0.295	0.213	0.310	0.1490	0.196	0.103		0.350	0.42	0.90	0.50	0.76	0.97	1.10
180	18					0.338	0.1660	0.210	0.110					0.48	0.72	0.85	1.00
200	20			0.34		0.368	0.2100		0.120			0.4		0.44	0.71		0.92
220	22		0.320	0.43	0.335	0.397	0.2350	0.290	0.122		0.300	0.35	0.76	0.41	0.70	0.80	0.90
270	27			0.60		0.441	0.2610	0.330	0.175					0.35	0.58	0.75	0.85
330	33		0.460	0.47	0.481	0.694	0.3780	0.386	0.189		0.240	0.32	0.58	0.32	0.56	0.65	0.75
390	39					0.709	0.3837	0.520	0.212					0.30	0.50	0.57	0.70
470	47		0.660	0.80	0.599	0.767	0.5870	0.595	0.260		0.200	0.24	0.48	0.25	0.48	0.54	0.62
560	56						0.6245	0.665	0.305						0.41	0.50	0.58
680	68			1.10			0.6990	0.840	0.355			0.22			0.35	0.43	0.52
820	82						0.9148	0.978	0.460						0.32	0.41	0.46
101	100			1.80		1.5	1.02	1.20	0.520			0.17		0.19	0.29	0.36	0.42
121	120						1.27	1.30	0.580						0.27	0.20	
151	150				3.10		1.35						0.31		0.24		
181	180						1.54								0.22		
221	220					3.0	2.00		1.09					0.10	0.18		0.24
331	330					5.0	3.25							0.08	0.14		
471	470					8.5	4.50							0.06	0.12		
561	560			12.24					3.0			0.039					0.01
102	1000			18.80								0.036					
152	1500			34.00								0.029					
202	2000			36.00								0.020					
222	2200			55.00				31.5				0.019				0.047	
382	3800					80								0.02			
472	4700					90		71						0.02		0.032	