

SHIELDED SMD POWER INDUCTORS / SSR TYPE

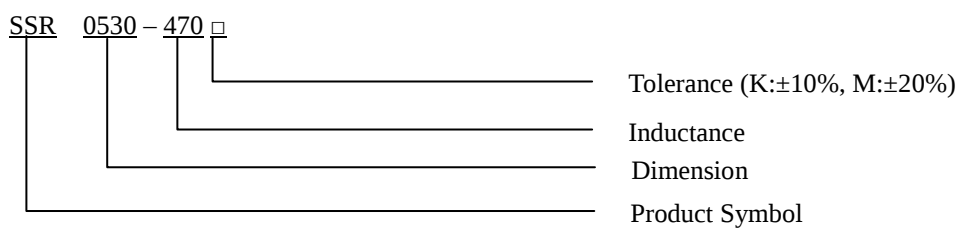
FEATURES

- ◆ Low DC resistance and for large currents.



APPLICATIONS

- ◆ Excellent as VTR, OA equipment, LCD television sets, notebook PC.

ORDERING CODE

SHAPES

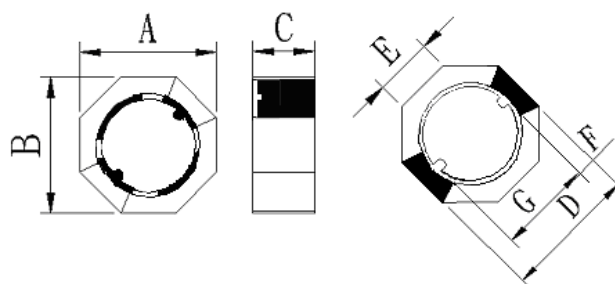


Fig. 1

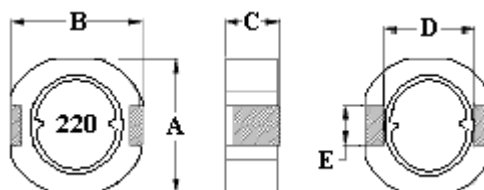


Fig. 2

SHIELDED SMD POWER INDUCTORS / SSR TYPE

DIMENSIONS (UNIT: mm)

Part No.	Fig.	A (MAX)	B (MAX)	C (MAX)	D (MAX)	E (REF)	F (REF)	G (REF)
SSR0420	1	4.30	4.30	2.00	4.40	1.60	0.50	2.70
SSR0518	1	5.30	5.30	1.80	5.80	1.60	0.60	4.20
SSR0520	1	5.30	5.30	2.00	5.80	1.60	0.60	4.20
SSR0530	1	5.30	5.30	3.00	5.80	1.60	0.60	4.20
SSR0610	2	6.30	6.80	1.10	4.80	2.00	-	
SSR0620	2	6.30	6.80	2.00	4.80	2.00	-	-
SSR0625	2	6.30	6.80	2.50	4.80	2.00	-	-
SSR0630	2	6.30	6.80	3.00	4.80	2.00	-	-
SSR0635	2	6.30	6.80	3.50	4.80	2.00		
SSR1203	2	12.7	12.7	3.50	10.5	6.00	-	-
SSR1205	2	12.7	12.7	5.00	10.5	6.00	-	-
SSR1206	2	12.7	12.7	6.50	10.5	6.00	-	-
SSR1208	2	12.7	12.7	8.50	10.5	6.00	-	-

ELECTRICAL CHARACTERISTICS FOR SSR0420

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0420-1R0 □	1.0	0.028	2.20
SSR0420-1R2 □	1.2	0.040	2.10
SSR0420-2R2 □	2.2	0.090	2.00
SSR0420-2R5 □	2.5	0.100	2.00
SSR0420-3R3 □	3.3	0.120	1.45
SSR0420-4R7 □	4.7	0.140	1.05
SSR0420-6R8 □	6.8	0.150	0.90
SSR0420-100 □	10	0.200	0.85
SSR0420-150 □	15	0.481	0.61
SSR0420-220 □	22	0.500	0.57
SSR0420-470 □	47	1.780	0.34
SSR0420-680 □	68	2.770	0.25
SSR0420-101 □	100	3.440	0.19

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ELECTRICAL CHARACTERISTICS FOR SSR0518

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0518-1R2 □	1.2	0.046	1.80
SSR0518-1R8 □	1.8	0.054	1.60
SSR0518-2R3 □	2.3	0.063	1.50
SSR0518-3R6 □	3.6	0.082	1.20
SSR0518-4R3 □	4.3	0.092	1.10
SSR0518-5R1 □	5.1	0.105	1.00
SSR0518-6R8 □	6.8	0.130	0.94
SSR0518-100 □	10	0.180	0.80
SSR0518-150 □	15	0.270	0.64
SSR0518-180 □	18	0.320	0.60
SSR0518-220 □	22	0.450	0.60
SSR0518-470 □	47	0.930	0.33

ELECTRICAL CHARACTERISTICS FOR SSR0520

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0520-1R2 □	1.2	0.040	4.30
SSR0520-2R2 □	2.2	0.050	3.20
SSR0520-3R3 □	3.3	0.061	2.20
SSR0520-3R5 □	3.5	0.073	2.00
SSR0520-4R7 □	4.7	0.094	1.90
SSR0520-6R8 □	6.8	0.145	1.80
SSR0520-100 □	10	0.200	1.50
SSR0520-150 □	15	0.300	1.20
SSR0520-220 □	22	0.350	0.80
SSR0520-330 □	33	0.600	0.60
SSR0520-470 □	47	0.730	0.50
SSR0520-680 □	68	1.100	0.40
SSR0520-101 □	100	1.500	0.23

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ELECTRICAL CHARACTERISTICS FOR SSR0530

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0530-1R1 □	1.1	0.030	5.00
SSR0530-2R0 □	2.0	0.045	4.50
SSR0530-3R3 □	3.3	0.066	3.40
SSR0530-4R7 □	4.7	0.090	2.50
SSR0530-6R8 □	6.8	0.100	2.30
SSR0530-100 □	10	0.140	2.10
SSR0530-150 □	15	0.310	1.50
SSR0530-220 □	22	0.350	1.20
SSR0530-270 □	27	0.400	1.20
SSR0530-300 □	30	0.450	1.20
SSR0530-330 □	33	0.500	1.00
SSR0530-390 □	39	0.550	0.80
SSR0530-470 □	47	0.650	0.70
SSR0530-680 □	68	0.830	0.65
SSR0530-101 □	100	0.850	0.43

ELECTRICAL CHARACTERISTICS FOR SSR0610

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0610-2R2 □	2.2	0.13	1.50
SSR0610-4R7 □	4.7	0.27	1.09
SSR0610-6R8 □	6.8	0.35	1.00
SSR0610-100 □	10	0.45	0.80
SSR0610-150 □	15	0.55	0.65
SSR0610-220 □	22	0.90	0.50
SSR0610-470 □	47	2.80	0.32
SSR0610-101 □	100	3.50	0.19

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ELECTRICAL CHARACTERISTICS FOR SSR0620

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0620-1R0 □	1.0	0.032	2.60
SSR0620-1R2 □	1.2	0.035	2.50
SSR0620-2R2 □	2.2	0.042	2.10
SSR0620-3R3 □	3.3	0.065	2.00
SSR0620-4R7 □	4.7	0.070	1.60
SSR0620-6R2 □	6.2	0.076	1.49
SSR0620-8R2 □	8.2	0.102	1.25
SSR0620-100 □	10	0.150	1.10
SSR0620-120 □	12	0.153	0.99
SSR0620-150 □	15	0.197	0.94
SSR0620-180 □	18	0.207	0.83
SSR0620-220 □	22	0.280	0.75
SSR0620-270 □	27	0.330	0.65
SSR0620-330 □	33	0.368	0.63
SSR0620-390 □	39	0.473	0.55
SSR0620-470 □	47	0.542	0.50

ELECTRICAL CHARACTERISTICS FOR SSR0625

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0625-1R0 □	1.0	0.032	3.48
SSR0625-1R5 □	1.5	0.034	2.83
SSR0625-2R0 □	2.0	0.040	2.44
SSR0625-3R3 □	3.3	0.060	2.00
SSR0625-4R3 □	4.3	0.070	2.00
SSR0625-4R7 □	4.7	0.070	1.50
SSR0625-6R2 □	6.2	0.075	1.37
SSR0625-100 □	10	0.091	1.16
SSR0625-120 □	12	0.094	1.10
SSR0625-150 □	15	0.170	1.00
SSR0625-180 □	18	0.170	0.90
SSR0625-220 □	22	0.210	0.80
SSR0625-270 □	27	0.212	0.64
SSR0625-330 □	33	0.244	0.58
SSR0625-390 □	39	0.306	0.53
SSR0625-470 □	47	0.363	0.48
SSR0625-560 □	56	0.431	0.44
SSR0625-680 □	68	0.500	0.40
SSR0625-820 □	82	0.580	0.36
SSR0625-101 □	100	0.820	0.33

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ELECTRICAL CHARACTERISTICS FOR SSR0630

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0630-1R0 □	1.0	0.031	4.10
SSR0630-2R2 □	2.2	0.038	3.00
SSR0630-3R3 □	3.3	0.055	2.60
SSR0630-3R6 □	3.6	0.055	2.50
SSR0630-4R7 □	4.7	0.060	2.50
SSR0630-6R8 □	6.8	0.065	2.00
SSR0630-8R0 □	8.0	0.085	1.60
SSR0630-100 □	10	0.090	1.20
SSR0630-150 □	15	0.100	1.05
SSR0630-220 □	22	0.150	1.00
SSR0630-270 □	27	0.180	0.90
SSR0630-330 □	33	0.200	0.80
SSR0630-470 □	47	0.350	0.60

ELECTRICAL CHARACTERISTICS FOR SSR0635

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR0635-2R0 □	2.0	0.020	2.997
SSR0635-2R7 □	2.7	0.023	2.691
SSR0635-3R3 □	3.3	0.027	2.573
SSR0635-4R7 □	4.7	0.033	2.500
SSR0635-6R2 □	6.2	0.036	2.200
SSR0635-8R2 □	8.2	0.045	1.542
SSR0635-100 □	10	0.052	1.491
SSR0635-120 □	12	0.065	1.282
SSR0635-150 □	15	0.080	1.200
SSR0635-180 □	18	0.085	1.150
SSR0635-220 □	22	0.145	1.100
SSR0635-270 □	27	0.146	0.930
SSR0635-330 □	33	0.169	0.830
SSR0635-390 □	39	0.199	0.700
SSR0635-470 □	47	0.240	0.650
SSR0635-560 □	56	0.268	0.602
SSR0635-680 □	68	0.333	0.556
SSR0635-820 □	82	0.436	0.468
SSR0635-101 □	100	0.496	0.449
SSR0635-151 □	150	0.691	0.367

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ELECTRICAL CHARACTERISTICS FOR SSR1203

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR1203-1R0 □	1.0	0.011	12.0
SSR1203-2R2 □	2.2	0.017	11.0
SSR1203-3R3 □	3.3	0.022	9.9
SSR1203-4R7 □	4.7	0.032	8.8
SSR1203-5R6 □	5.6	0.040	7.7
SSR1203-6R8 □	6.8	0.045	6.6
SSR1203-8R2 □	8.2	0.048	5.5
SSR1203-100 □	10	0.062	4.5
SSR1203-120 □	12	0.065	3.4
SSR1203-150 □	15	0.077	3.2
SSR1203-180 □	18	0.088	2.9
SSR1203-220 □	22	0.097	2.6
SSR1203-330 □	33	0.153	2.4
SSR1203-470 □	47	0.246	2.1
SSR1203-680 □	68	0.325	1.6

ELECTRICAL CHARACTERISTICS FOR SSR1205

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR1205-1R5 □	1.5	0.005	8.10
SSR1205-2R5 □	2.5	0.008	7.30
SSR1205-3R8 □	3.8	0.015	6.50
SSR1205-5R2 □	5.2	0.018	5.70
SSR1205-7R0 □	7.0	0.023	4.90
SSR1205-100 □	10	0.028	4.50
SSR1205-150 □	15	0.050	3.20
SSR1205-220 □	22	0.066	2.70
SSR1205-330 □	33	0.097	2.60
SSR1205-470 □	47	0.160	2.20
SSR1205-680 □	68	0.220	1.70
SSR1205-101 □	100	0.308	1.20
SSR1205-151 □	150	0.530	0.95
SSR1205-221 □	220	0.700	0.80
SSR1205-331 □	330	0.990	0.50

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ELECTRICAL CHARACTERISTICS FOR SSR1206

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR1206-100 □	10	0.025	4.60
SSR1206-120 □	12	0.027	3.50
SSR1206-150 □	15	0.030	3.30
SSR1206-180 □	18	0.034	3.00
SSR1206-220 □	22	0.036	2.80
SSR1206-270 □	27	0.051	2.68
SSR1206-330 □	33	0.057	2.65
SSR1206-390 □	39	0.068	2.40
SSR1206-470 □	47	0.075	2.25
SSR1206-560 □	56	0.110	1.85
SSR1206-680 □	68	0.120	1.75
SSR1206-820 □	82	0.140	1.40
SSR1206-101 □	100	0.160	1.30
SSR1206-121 □	120	0.170	1.10
SSR1206-151 □	150	0.230	1.00
SSR1206-181 □	180	0.290	0.90
SSR1206-221 □	220	0.400	0.80
SSR1206-271 □	270	0.460	0.75

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ELECTRICAL CHARACTERISTICS FOR SSR1208

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SSR1208-1R2 □	1.2	0.005	9.80
SSR1208-2R4 □	2.4	0.011	8.00
SSR1208-3R5 □	3.5	0.013	7.50
SSR1208-4R7 □	4.7	0.015	6.80
SSR1208-6R8 □	6.8	0.017	6.60
SSR1208-7R6 □	7.6	0.020	5.90
SSR1208-100 □	10	0.021	5.40
SSR1208-120 □	12	0.024	4.90
SSR1208-150 □	15	0.027	4.50
SSR1208-180 □	18	0.033	3.90
SSR1208-220 □	22	0.035	3.60
SSR1208-270 □	27	0.045	3.40
SSR1208-330 □	33	0.055	3.00
SSR1208-390 □	39	0.067	2.75
SSR1208-470 □	47	0.073	2.50
SSR1208-560 □	56	0.110	2.35
SSR1208-680 □	68	0.115	2.10
SSR1208-820 □	82	0.135	1.95
SSR1208-101 □	100	0.155	1.70

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 100KHZ/0.1V