

BOURNS Shielded SMD Power Inductors

BOURNS®



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SRP SERIES (CONT.)

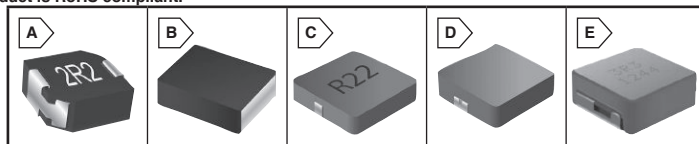
For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance (μ H)	Max. DCR (m Ω)	Max. DC Current (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
SRP1040 Series (Cont.)								
652—SRP1040-1R2M	A	1.2	4.7	18	1.38	1.11	.981	
652—SRP1040-2R2M	A	2.2	8.6	12	1.44	1.26	1.03	
652—SRP1040-3R3M	A	3.3	10	10	1.44	1.26	1.03	
652—SRP1040-4R7M	A	4.7	14	8	1.26	-	.936	
652—SRP1040-5R6M	A	5.6	16	7	1.44	1.26	1.03	
652—SRP1040-8R2M	A	8.2	33	5	1.44	1.26	1.03	
652—SRP1040-100M	A	10	35	5	1.44	1.26	1.03	
652—SRP1040-150M	A	15	57	5	1.44	1.26	1.03	
SRP1235 Series								
652—SRP1235-1R0M	A	1	3.5	24	1.28	1.12	.912	
652—SRP1235-3R3M	A	3.3	12	12	1.28	1.12	.912	
652—SRP1235-4R7M	A	4.7	15	10	1.28	1.12	.912	
SRP1250 Series								
652—SRP1250-1R0M	A	1	2.5	29	1.54	1.35	1.10	
652—SRP1250-1R2M	A	1.2	3.3	27	1.54	1.35	1.10	
652—SRP1250-2R2M	A	2.2	5.5	20	1.54	1.35	1.10	
652—SRP1250-2R7M	A	2.7	7.3	17	1.54	1.35	1.10	
652—SRP1250-3R3M	A	3.3	9.2	15	1.54	1.35	1.10	
652—SRP1250-4R7M	A	4.7	15	12	1.54	1.35	1.08	
652—SRP1250-6R0M	A	6	10	9.5	1.54	1.35	1.10	
652—SRP1250-6R8M	A	6.8	18.5	11	1.54	1.35	1.10	
652—SRP1250-100M	A	10	25.5	9	1.54	1.35	1.10	
SRP1270 Series								
652—SRP1270-2R2M	A	2.2	4.2	22	1.44	1.26	1.03	
652—SRP1270-3R3M	A	3.3	6.6	18	1.44	1.26	1.03	
652—SRP1270-4R7M	A	4.7	11.2	15	1.44	1.26	1.03	
652—SRP1270-5R6M	A	5.6	10	14	1.41	1.13	1.00	
652—SRP1270-6R8M	A	6.8	14	12	1.44	1.26	1.03	
652—SRP1270-8R2M	A	8.2	15.5	11	1.44	1.26	1.03	
652—SRP1270-100M	A	10	16.8	10	1.44	1.26	1.03	
SRP2010 Series								
652—SRP2010-1R24M	B	0.24	19	6.5	.43	.312	.288	
652—SRP2010-1R47M	B	0.47	40	4.2	.43	.312	.288	
652—SRP2010-1R68M	B	0.68	47	3.8	.43	.312	.288	
652—SRP2010-1R0M	B	1	72	3.2	.43	.312	.288	
652—SRP2010-2R2M	B	2.2	168	2.2	.43	.312	.288	
SRP2512 Series								
652—SRP2512-1R47M	B	0.47	28	6	.43	.312	.288	
652—SRP2512-1R68M	B	0.68	38	5.5	.43	.312	.288	
652—SRP2512-1R0M	B	1	48	4.5	.43	.312	.288	
652—SRP2512-2R2M	B	2.2	102	3	.43	.312	.288	
SRP4012 Series								
652—SRP4012-1R0M	C	1	21.6	4.8	1.22	1.08	.878	
652—SRP4012-1R5M	C	1.5	30.5	3	1.18	1.04	.844	
SRP4020 Series								
652—SRP4020-1R47M	C	0.47	14	8	1.18	1.04	.844	
652—SRP4020-1R68M	C	0.68	16.2	6.3	1.18	1.04	.844	
652—SRP4020-1R0M	C	1	21.6	5	1.18	1.04	.844	
652—SRP4020-1R5M	C	1.5	30.5	4.5	1.18	1.04	.844	
652—SRP4020-2R2M	C	2.2	33	4.5	1.18	1.04	.844	
SRP5030 Series								
652—SRP5030T-1R2M	D	1.2	16	6.5	1.31	1.15	.935	
652—SRP5030T-1R5M	D	1.5	25	6	1.31	1.15	.935	
652—SRP5030T-3R3M	D	3.3	38	5	1.31	1.15	.935	
652—SRP5030T-5R6M	D	5.6	63	4.25	1.31	1.15	.935	
652—SRP5030T-6R8M	D	6.8	76.2	4	1.31	1.15	.935	
652—SRP5030T-100M	D	10	128	2.75	1.31	1.15	.935	
SRP6540 Series								
652—SRP6540-1R82M	D	0.82	5.5	15	1.18	1.04	.844	
652—SRP6540-1R5M	D	1.5	10	11	1.18	1.04	.844	
652—SRP6540-3R3M	D	3.3	23	6.5	1.18	1.04	.844	
652—SRP6540-5R6M	D	5.6	38	5.5	1.18	1.04	.844	
652—SRP6540-6R8M	D	6.8	49.5	5	1.18	1.04	.844	
652—SRP6540-8R2M	D	8.2	50.5	4.5	1.18	1.04	.844	
652—SRP6540-100M	D	10	78.5	4	1.18	1.04	.844	
652—SRP6540-150M	D	15	121	2.9	1.44	1.26	1.03	
652—SRP6540-220M	D	22	133	2.5	1.44	1.26	1.03	
652—SRP6540-270M	D	27	290	2	1.44	1.26	1.03	
652—SRP6540-390M	D	39	322	1.8	1.44	1.26	1.03	
SRP7030 Series								
652—SRP7030-1R68M	A	0.68	5.5	15.5	1.18	1.04	.844	
652—SRP7030-2R2M	A	2.2	20	8	1.18	1.04	.844	
652—SRP7030-3R3M	A	3.3	30	6	1.18	1.04	.844	
652—SRP7030-4R7M	A	4.7	40	5.5	1.18	1.04	.844	
652—SRP7030-8R2M	A	8.2	68	4	1.18	1.04	.844	
652—SRP7030-100M	A	10	85	3	1.18	1.04	.844	
SRP7030F Series								
652—SRP7030-R22FM	A	0.22	2.4	23	1.18	1.04	.844	
652—SRP7030-R68FM	A	0.68	5	15	1.18	1.04	.844	
652—SRP7030-1R0FM	A	1	7	11	1.18	1.04	.844	
652—SRP7030-1R5FM	A	1.5	10	10	1.18	1.04	.844	
652—SRP7030-2R2FM	A	2.2	20	7	1.18	1.04	.844	
652—SRP7030-3R3FM	A	3.3	24	7	1.18	1.04	.844	
652—SRP7030-4R7FM	A	4.7	35	5	1.18	1.04	.844	
652—SRP7030-5R6FM	A	5.6	45	5	1.18	1.04	.844	
652—SRP7030-6R8FM	A	6.8	50	4.5	1.18	1.04	.844	
652—SRP7030-8R2FM	A	8.2	54	4.5	1.18	1.04	.844	
652—SRP7030-100FM	A	10	60	3.5	1.18	1.04	.844	

SRP Power Inductor Design Kits

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Inductance Range (μ H)	Series Included	Price Each
Mfr.	Mfr. Part No.			
652—SRP-LAB3		0.1-22	SRP2010, SRP2512, SRP4012TA, SRP4020TA	66.89
652—SRP-LAB4		0.22 to 47	SRP5030T, SRP6540, SRP7028A	66.89
652—SRP-LAB5		0.1 to 47	SRP1038A, SRP1238A, SRP1245A, SRP1265A	66.89



SRP SERIES - AUTOMOTIVE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Inductance (μ H)	Max. DCR (m Ω)	Max. DC Current (A)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
SRP1038A Series								
652—	SRP1038A-R22M	D	0.22	1	60	1.44	1.26	1.03
652—	SRP1038A-R27M	D	0.27	1	60	1.44	1.26	1.03
652—	SRP1038A-R36M	D	0.36	1.2	60	1.44	1.26	1.03
652—	SRP1038A-R39M	D	0.39	1.3	60	1.44	1.26	1.03
652—	SRP1038A-R45M	D	0.45	1.5	45	1.44	1.26	1.03
652—	SRP1038A-R56M	D	0.56	1.8	40	1.44	1.26	1.03
652—	SRP1038A-1R0M	D	1	3.3	36	1.44	1.26	1.03
652—	SRP1038A-1R5M	D	1.5	4.6	33	1.44	1.26	1.03
652—	SRP1038A-2R2M	D	2.2	7	27	1.44	1.26	1.03
652—	SRP1038A-3R3M	D	3.3	11.8	20	1.44	1.26	1.03
652—	SRP1038A-4R7M	D	4.7	15.5	17	1.44	1.26	1.03
652—	SRP1038A-6R8M	D	6.8	23.3	13.5	1.44	1.26	1.03
652—	SRP1038A-8R2M	D	8.2	24	12.5	1.44	1.26	1.03
652—	SRP1038A-100M	D	10	30	12	1.44	1.26	1.03
652—	SRP1038A-150M	D	15	45	10	1.44	1.26	1.03
652—	SRP1038A-220M	D	22	74	7	1.44	1.26	1.03
652—	SRP1038A-330M	D	33	112	5	1.44	1.26	1.03
652—	SRP1038A-470M	D	47	167	4.5	1.44	1.26	1.03
SRP1238A Series								
652—	SRP1238A-R10Y	D	0.1	0.43	84	1.28	1.12	.912
652—	SRP1238A-R15Y	D	0.15	0.48	75	1.28	1.12	.912
652—	SRP1238A-R22M	D	0.22	0.81	65	1.28	1.12	.912
652—	SRP1238A-R33M	D	0.33	1	62	1.28	1.12	.912
652—	SRP1238A-R47M	D	0.47	1.8	55	1.28	1.12	.912
652—	SRP1238A-R60M	D	0.6	2.2	51	1.28	1.12	.912
652—	SRP1238A-R68M	D	0.68	2.5	49	1.28	1.12	.912
652—	SRP1238A-R82M	D	0.82	3	44	1.28	1.12	.912
652—	SRP1238A-1R0M	D	1	3.5	40	1.28	1.12	.912
652—	SRP1238A-1R2M	D	1.2	4	37	1.28	1.12	.912
652—	SRP1238A-1R5M	D	1.5	5.5	35	1.28	1.12	.912
652—	SRP1238A-1R8M	D	1.8	7	30	1.28	1.12	.912
652—	SRP1238A-2R2M	D	2.2	8	29	1.28	1.12	.912
652—	SRP1238A-3R3M	D	3.3	13.5	27	1.28	1.12	.912
652—	SRP1238A-4R7M	D	4.7	18.5	24	1.28	1.12	.912
652—	SRP1238A-5R6M	D	5.6	22	19	1.28	1.12	.912
652—	SRP1238A-6R8M	D	6.8	24	18	1.28	1.12	.912
652—	SRP1238A-8R2M	D	8.2	28	16	1.28	1.12	.912
652—	SRP1238A-100M	D	10	34	14	.96	-	.832
SRP1245A Series								
652—	SRP1245A-R33M	C	0.33	0.9	80	1.54	1.35	1.10
652—	SRP1245A-R47M	C	0.47	1.1	65	1.54	1.35	1.10
652—	SRP1245A-R56M	C	0.56	1.5	55	1.54	1.35	1.10
652—	SRP1245A-R68M	C	0.68	1.7	54	1.54	1.35	1.10
652—	SRP1245A-1R0M	C	1	2.5	50	1.54	1.35	1.10
652—	SRP1245A-1R5M	C	1.5	3.3	48	1.54	1.35	1.10
652—	SRP1245A-1R8M	C	1.8	4.9	40	1.54	1.35	1.10
652—	SRP1245A-2R2M	C	2.2	5.5	32	1.54	1.35	1.10
652—	SRP1245A-3R3M	C	3.3	9.2	32	1.54	1.35	1.10
652—	SRP1245A-4R7M	C	4.7	15	27	1.54	1.35	1.10
652—	SRP1245A-5R6M	C	5.6	16.5	22	1.54	1.35	1.10
652—	SRP1245A-6R0M	C	6	16.5	21.5	1.54	1.35	1.10
652—	SRP1245A-6R8M	C	6.8	18.5	21	1.54	1.35	1.10
652—	SRP1245A-8R2M	C	8.2	22.5	18	1.54	1.35	1.10
652—	SRP1245A-100M	C	10	25.5	16	1.54	1.35	1.10
652—	SRP1245A-180M	C	18	45	11	1.54	1.35	1.10
SRP1265A Series								
652—	SRP1265A-R15M	D	0.15	0.6	118	1.44	1.26	1.03
652—	SRP1265A-R22M	D	0.22	0.6	112	1.44	1.26	1.03
652—	SRP1265A-R33M	D	0.33	0.8	68	1.44	1.26	1.03
652—	SRP1265A-R36M	D	0.36	0.9	66	1.44	1.26	1.03
652—	SRP1265A-R47M	D	0.47	1.2	63	1.44	1.26	1.03
652—	SRP1265A-R56M	D	0.56	1.2	58	1.44	1.26	1.03
652—	SRP1265A-R68M	D	0.68	1.5	55	1.44	1.26	1.03
652—	SRP1265A-R82M	D	0.82	1.9	50	1.44	1.26	1.03
652—	SRP1265A-1R0M	D	1	2.3	48	1.44	1.26	1.03
652—	SRP1265A-1R5M	D	1.5	3	45	1.44	1.26	1.03
652—	SRP1265A-2R2M	D	2.2	4.2	37	1.44	1.26	1.03
652—	SRP1265A-3R3M	D	3.3	6.8	30	1.44	1.26	1.03
652—	SRP1265A-4R7M	D	4.7	8.4	28	1.44	1.26	1.03
652—	SRP1265A-5R6M	D	5.6	10	23	1.44	1.26	1.03
652—	SRP1265A-6R8M	D	6.8	11.5	18	1.44	1.26	1.03
652—	SRP1265A-8R2M	D	8.2	15.5	16	1.44	1.26	1.03
652—	SRP1265A-100M	D	10	16.5	15.5	1.44	1.26	1.03
652—	SRP1265A-150M	D	15	28	12.5	1.65	1.54	1.15
652—	SRP1265A-220M	D	22	37	12	1.65	1.54	1.15
652—	SRP1265A-330M	D	33	58	11	1.65	1.54	1.15
652—	SRP1265A-470M	D	47	90	9.5	1.65	1.54	1.15
SRP1770TA Series								
652—	SRP1770TA-1R0M	E	1	2	52	2.82	2.58	1.69
652—	SRP1770TA-1R5M	E	1.5	2.5	47	2.82	2.58	1.69
652—	SRP1770TA-2R2M	E	2.2	2.7	43.5	2.82	2.58	1.69
652—	SRP1770TA-3R3M	E	3.3	3.9	28	2.82	2.58	1.69
652—	SRP1770TA-4R7M	E	4.7	5.5	25	2.82	2.58	1.69
652—	SRP1770TA-5R6M	E	5.6	7.05	21	2.82	2.58	1.69
652—	SRP1770TA-6R8M	E	6.8	9.2	19	2.82	2.58	1.69
652—	SRP1770TA-8R2M	E	8.2	10.8	18	2.82	2.58	1.69
652—	SRP1770TA-100M	E	10	13	16.5	2.82	2.58	1.69
652—	SRP1770TA-150M	E	15	20.5	12.5	2.82	2.58	1.69
652—	SRP1770TA-220M	E	22	26.5	12	2.82	2.58	1.69
652—	SRP1770TA-330M	E	33	44	10.7	2.82	2.58	1.69
652—	SRP1770TA-390M	E	39	48	9.2	2.82	2.58	1.69