

Solid Aluminium - continued

SVP Series - Surface Mount



- Low ESR
- High temperature - 105°C
- Ripple current ratings guaranteed at 105°C
- No derating required on max. allowable ripple current
- Applications include miniaturised high frequency noise limiters and switching power supplies



µF	Ripple (mA) @ 100kHz, 105°C	ESR (mΩ) @ 100kHz to 300kHz	Body Dia.	L	W	H	Tape Width	Reel Qty.	Mfrs. List No.	Order Code
4 Volt d.c.										
150	1810	40	6.3	5.9	6.6	6.6			4SVP150MX	918-8738
330	2560	35	8	6.9	8.3	8.3			4SVP330M	918-8746
560	4520	13	8	12.6	8.3	10.3			4SVP560M	918-8754
680	3700	25	10	7.9	10.3	10.3			4SVP680M	918-8762
1200	5400	12	10	12.6	10.3	10.3			4SVP1200M	918-8770
6.3 Volt d.c.										
22	740	200	4	5.4	4.3	4.3			6SVP22M	918-8789
47	1100	70	5	5.9	5.3	5.3			6SVP47M	918-8797
100	1810	40	6.3	5.9	6.6	6.6			6SVP100M	918-8800
220	2560	35	8	6.9	8.3	8.3			6SVP220MX	918-8819
220	3700	25	10	7.9	10.3	10.3			6SVP220M	918-8827
330	3700	25	10	7.9	10.3	10.3			6SVP330M	918-8835
470	3700	25	10	7.9	10.3	10.3			6SVP470MX	918-8843
470	4210	15	8	12.6	8.3	10.3			6SVP470M	918-8851
820	5440	12	10	12.6	10.3	10.3			6SVP820M	918-8860
10 Volt d.c.										
10	700	220	4	5.4	4.3	4.3			10SVP10M	918-8878
15	740	200	4	5.4	4.3	4.3			10SVP15M	918-8886
33	100	70	5	5.9	5.3	5.3			10SVP33M	918-8894
47	1620	50	6.3	5.9	6.6	6.6			10SVP47M	918-8908
56	1700	45	6.3	5.9	6.6	6.6			10SVP56M	918-8916
120	2560	35	8	6.9	8.3	8.3			10SVP120M	918-8924
150	2560	35	8	6.9	8.3	8.3			10SVP150MX	918-8932
150	3020	30	10.3	7.9	10.3	10.3			10SVP150M	918-8940
270	3700	25	10.3	7.9	10.3	10.3			10SVP270M	918-8959
330	3700	25	10.3	7.9	10.3	10.3			10SVP330MX	918-8967
330	3950	17	8	12.6	8.3	10.3			10SVP330M	918-8975
560	5230	13	10	12.6	10.3	10.3			10SVP560M	918-8983
16 Volt d.c.										
3.3	660	260	4	5.4	4.3	4.3			16SVP3.3M	918-8991
15	1060	120	5	5.9	5.3	5.3			16SVP15M	918-9009
22	1060	90	5	5.9	5.3	5.3			16SVP22M	918-9017
39	1620	50	6.3	5.9	6.6	6.6			16SVP39M	918-9025
56	1890	45	8	6.9	8.3	8.3			16SVP56M	918-9033
82	2120	40	8	6.9	8.3	8.3			16SVP82M	918-9041
100	2670	35	10	7.9	10.3	10.3			16SVP100M	918-9050
180	3020	30	10	7.9	10.3	10.3			16SVP180MX	918-9068
180	3640	20	8	12.6	8.3	10.3			16SVP180M	918-9076
330	4720	16	10	12.6	10.3	10.3			16SVP330M	918-9084
20 Volt d.c.										
10	1020	120	5	5.9	5.3	5.3			20SVP10M	918-9092
22	1450	60	6.3	5.9	6.6	6.6			20SVP22M	918-9106
27	1450	60	6.3	5.9	6.6	6.6			20SVP27M	918-9114
33	1890	45	8	6.9	8.3	8.3			20SVP33M	918-9122
47	1890	45	8	6.9	8.3	8.3			20SVP47M	918-9130
56	2400	40	10	7.9	10.3	10.3			20SVP56M	918-9149
68	2400	40	10	7.9	10.3	10.3			20SVP68M	918-9157
100	3320	24	8	12.6	8.3	10.3			20SVP100M	918-9165
150	4320	20	10	12.6	10.3	10.3			20SVP150M	918-9173
25 Volt d.c.										
6.8	1200	80	6.3	5.9	6.6	6.6			25SVP6.8M	918-9181
10	1500	60	8	6.9	8.3	8.3			25SVP10M	918-9190
22	2000	50	10	7.9	10.3	10.3			25SVP22M	918-9203
33	2980	30	8	12.6	8.3	10.3			25SVP33M	918-9211
56	3800	28	10	12.6	10.3	10.3			25SVP56M	918-9220

249089

µF	Order Code	1+	50+	100+	1K+
4 Volt d.c.					
150	918-8738	129.00	114.00	101.00	90.00
330	918-8746	163.00	143.00	127.00	114.00
560	918-8754	187.00	163.00	145.00	130.00
680	918-8762	178.00	156.00	139.00	123.00
1200	918-8770	201.00	175.00	157.00	139.00
6.3 Volt d.c.					
22	918-8789	78.00	68.00	61.00	54.00
47	918-8797	95.00	84.00	73.00	66.00
100	918-8800	128.00	113.00	100.00	90.00
220	918-8819	163.00	143.00	127.00	114.00
220	918-8827	171.00	151.00	134.00	120.00
330	918-8835	178.00	156.00	139.00	123.00
470	918-8843	181.00	159.00	140.00	125.00
470	918-8851	187.00	163.00	145.00	130.00
820	918-8860	201.00	175.00	165.00	--
10 Volt d.c.					
10	918-8878	78.00	68.00	61.00	54.00
15	918-8886	78.00	68.00	61.00	54.00
33	918-8894	95.00	84.00	73.00	66.00
47	918-8908	115.00	101.00	90.00	80.00
56	918-8916	96.00	84.00	77.00	69.00
120	918-8924	158.00	138.00	122.00	110.00
150	918-8932	163.00	143.00	127.00	114.00

µF	Order Code	1+	50+	100+	1K+
10 Volt d.c.					
150	918-8940	171.00	151.00	134.00	120.00
270	918-8959	143.00	125.00	114.00	103.00
330	918-8967	181.00	159.00	140.00	125.00
330	918-8975	187.00	163.00	145.00	130.00
560	918-8983	201.00	175.00	157.00	139.00
16 Volt d.c.					
3.3	918-8991	72.00	63.00	55.00	50.00
15	918-9009	86.00	75.00	67.00	60.00
22	918-9017	95.00	84.00	73.00	66.00
39	918-9025	121.00	105.00	94.00	84.00
56	918-9033	143.00	125.00	113.00	100.00
82	918-9041	158.00	138.00	122.00	110.00
100	918-9050	171.00	151.00	134.00	120.00
180	918-9068	181.00	159.00	140.00	125.00
180	918-9076	187.00	163.00	145.00	130.00
330	918-9084	201.00	175.00	157.00	139.00
20 Volt d.c.					
10	918-9092	86.00	75.00	67.00	60.00
22	918-9106	115.00	101.00	90.00	80.00
27	918-9114	96.00	84.00	77.00	69.00
33	918-9122	143.00	125.00	113.00	100.00
47	918-9130	158.00	138.00	122.00	110.00
56	918-9149	137.00	120.00	109.00	100.00
68	918-9157	178.00	156.00	139.00	123.00
100	918-9165	187.00	163.00	145.00	130.00
150	918-9173	201.00	175.00	157.00	139.00
25 Volt d.c.					
6.8	918-9181	129.00	114.00	101.00	90.00
10	918-9190	171.00	151.00	134.00	120.00
22	918-9203	201.00	175.00	157.00	139.00
33	918-9211	215.00	188.00	167.00	150.00
56	918-9220	230.00	201.00	179.00	159.00

SC - SA Series



- General purpose radial leaded

Operating Temperature Tolerance -55°C to +105°C ±20%

µF	Dia	L	Pitch	Lead Dia.	Ripple (mA) @ 10kHz +85°C	ESR (mΩ) @ 100kHz	Mfrs. List No.	Order Code
6.3	8	10.5	3.5	0.5	1720	43	6SA150M	918-9688
330	10	10.5	5.0	0.6	3500	25	6SA330M	918-8657
10 Volt d.c.								
10	5	6.8	2	0.45	385	200	10SC10M	918-9483
22	6.3	6.8	2.5	0.45	616	150	10SC22M	918-9491
47	6.3	9.8	2.5	0.5	994	125	10SC47M	918-9505
68	6.3	9.8	2.5	0.5	1140	90	10SA68M	918-9513
220	10	10.5	5	0.6	2090	45	10SA220M	918-9521

µF	Order Code	1+	50+	100+	1K+
6.3 Volt d.c.					
150	918-9688	138.00	128.00	122.00	102.00
330	918-8657	143.00	125.00	113.00	100.00
10 Volt d.c.					
10	918-9483	35.00	32.00	31.00	26.00
22	918-9491	60.00	56.00	54.00	44.00
47	918-9505	77.00	73.00	70.00	57.00
68	918-9513	96.00	91.00	87.00	72.00
220	918-9521	186.00	176.00	169.00	139.00

µF	Dia	L	Pitch	Lead Dia.	Ripple (mA) @ 10kHz +85°C	ESR (mΩ) @ 100kHz	Mfrs. List No.	Order Code
3.3	4	6.8	2	0.45	242	35		