



**Large capacitance 2700uF (pi\_10)**

\*\* Lead free    \*\* Endurance : 105deg.C x RV x 2,000h  
\*\*Damp heat : 60deg.C x 90 ~ 95% x 1,000h(No voltage)

**SVPC Series Characteristics List**

Introducing additional models (highlighted in red)

Size code	Part Number *1	Rated Voltage (V)	Rated Capacitance (uF)	ESR (mOHM max.) (at 100kHz)	ESR (mOHM max.) (at 300kHz)	Rated ripple current (100kHz)(mArms) at105C	Tangent of loss angle (max.)	Leakage current (uA) (max.) *2
B6	16SVPC39M	16	39	35	30	1820	0.12	300
	16SVPC39MV	16	39	27	23	2350	0.12	300
	10SVPC68M	10	68	30	26	1970	0.12	300
	10SVPC68MV	10	68	23	20	2540	0.12	300
	6SVPC100M	6.3	100	30	26	1970	0.12	300
	6SVPC100MY	6.3	100	25	21	2150	0.12	300
	6SVPC120MV	6.3	120	21	18	2660	0.12	300
	4SVPC150M	4	150	30	26	1970	0.12	300
	4SVPC150MY	4	150	23	20	2240	0.12	300
	4SVPC150MV	4	150	20	17	2730	0.12	300
	2R5SVPC180M	2.5	180	30	26	1970	0.12	300
	2R5SVPC180MY	2.5	180	24	20	2200	0.12	300
2R5SVPC180MV	2.5	180	19	16	2800	0.12	300	
C6	16SVPC68M	16	68	30	26	2200	0.12	300
	16SVPC68MV	16	68	25	22	2440	0.12	300
	10SVPC120M	10	120	27	23	2320	0.12	300
	10SVPC120MV	10	120	22	19	2600	0.12	300
	6SVPC220M	6.3	220	27	23	2320	0.12	300
	6SVPC220MV	6.3	220	15	13	3110	0.12	300
	4SVPC330M	4	330	27	23	2320	0.12	300
	4SVPC330MY	4	330	21	18	2630	0.12	300
	4SVPC330MV	4	330	15	13	3160	0.12	300
	2R5SVPC390M	2.5	390	25	22	2410	0.12	300
2R5SVPC390MV	2.5	390	15	13	3160	0.12	300	
E7	16SVPC120M	16	120	27	23	2900	0.12	500
	10SVPC270M	10	270	22	19	3220	0.12	500
	6SVPC390M	6.3	390	22	19	3220	0.12	491
	4SVPC560M	4	560	22	19	3220	0.12	500
	2R5SVPC680M	2.5	680	20	17	3370	0.12	500
E12	6SVPC820M	6.3	820	12	10	4700	0.15	1033
	4SVPC560MX	4	560	9	8	5380	0.15	500
	4SVPC1200M	4	1200	12	10	4700	0.15	960
	4SVPC1500M	4	1500	12	10	4700	0.15	1200
	2R5SVPC820M	2.5	820	9	8	5380	0.15	500
	2R5SVPC1500M	2.5	1500	10	9	5150	0.15	750
F12	2R5SVPC2700M	2.5	2700	12	10	5080	0.15	1350

\*1 Capacitance tolerance : M ; +/-20%

\*2 After 2 minutes

**Dimensions**

(unit:mm)

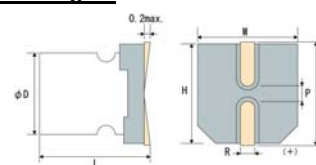
Size code	pi D+0.5Max	L+0.1/-0.4	W+/-0.2	H+/-0.2	C+/-0.2	R	P+/-0.2
B6	5.0	5.9	5.3	5.3	6.0	0.5 to 0.8	1.4
C6	6.3	5.9	6.6	6.6	7.3	0.5 to 0.8	2.1
E7	8.0	6.9	8.3	8.3	9.0	0.5 to 0.8	3.2
F8	10.0	7.9	10.3	10.3	11.0	0.5 to 0.8	4.6
E12	8.0	11.9	8.3	8.3	9.0	0.8 to 1.1	3.2
F12	10.0	12.6	10.3	10.3	11.0	0.8 to 1.1	4.6

**Size List**

RV:Rated voltage (SV):Surge (room temperature)

RV (SV)	2.5 (3.3)	4 (5.2)	6.3 (8.2)	10 (11.5)	16 (18.4)
39					B6
68				B6	C6
100			B6		
120			B6	C6	E7
150		B6			
180	B6				
220			C6		
270				E7	
330		C6			
390	C6		E7		
560		E7,E12			
680	E7				
820	E12		E12		
1200		E12			
1500	E12	E12			
2700	F12				

**Form figure**



**Samples and Mass productions**

Please contact your local sales for samples, mass production date or any other inquiries you may have.

This flier is a supplement of OS-CON TECHNICAL BOOK ver.13. All the value and part numbers are tentative and subject to change with or without notice. Please obtain official specification from your sales before use.