

SVPC Series

Aluminum solid capacitors with Conductive polymer



Large capacitance 1500uF (pi_8)

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

New parts number came up (Blue model)

SVPC Series Characteristics List

Size code	Part Number	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.)
B6	6SVPC100M	6.3	100	30	26	1970	0.12	300
	6SVPC100MY	6.3	100	25	21	2150	0.12	300
	4SVPC150M	4	150	30	26	1970	0.12	300
	4SVPC150MY	4	150	25	21	2150	0.12	300
	2R5SVPC180M	2.5	180	30	26	1970	0.12	300
	2R5SVPC180MY	2.5	180	24	20	2200	0.12	300
C6	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
E7	2R5SVPC390M	2.5	390	25	22	2410	0.12	300
	6SVPC390M	6.3	390	22	19	3220	0.12	500
	4SVPC560M	4	560	22	19	3220	0.12	500
E12	2R5SVPC680M	2.5	680	20	17	3370	0.12	500
	6SVPC820M	6.3	820	12	10	4700	0.15	1033
	4SVPC1200M	4	1200	12	10	4700	0.15	960
	4SVPC1500	4	1500	12	10	4700	0.15	1200
	2R5SVPC1500M	2.5	1500	10	9	5150	0.15	750

Dimensions

(unit:mm)

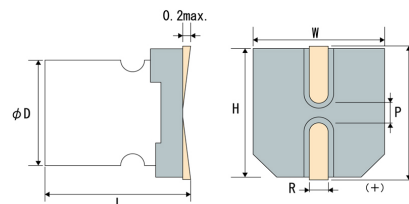
Size code	pi D	L(max.)	W+/-0.2	H+/-0.2	C+/-0.2	R	P+/-0.2
B6	5	6	5.3	5.3	6	0.5~0.8	1.4
C6	6.3	6	6.6	6.6	7.3	0.5~0.8	2.1
E7	8	7	8.3	8.3	9	0.5~0.8	3.2
E12	8	12	8.3	8.3	9	0.7~1.1	3.2

Size List

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

WV (SV)	2.5 (3.3)	4 (5.2)	6.3 (8.2)
uF			
100			B6
150		B6	
180	B6		
220			C6
330		C6	
390	C6		E7
560		E7	
680	E7		
820			E12
1200		E12	
1500	E12	E12	

Form figure



This is a newest specification data. Put this sheet between P16 and P17 of OS-CON TECHNICAL BOOK Ver.10. This tentative specifications and series name are subject to change because they are under development.