

SVPD Series

Aluminum solid capacitors with Conductive polymer



High voltage : Rated Voltage 35V
High endurance : 125deg.C guarantee

** Lead free ** Endurance : 125deg.C x RV x 2,000h
 ** Damp heat : 85deg.C x 85% x RV x 1,000h

Introducing additional models (highlighted in red)

SVPD Series Characteristics List

Size code	Part Number *1	Rated Voltage (V)	Rated Capacitance (uF)	ESR 100kHz-300kHz (Mohm)(max.)	Rated ripple current 100kHz (mArms) 105deg.C<T	Allowable ripple current 100KHz (mArms) T=<105deg.C *3	Tangent of loss angle (max.)	Leakage current (uA) (max.) *2
C6	25SVPD10M	25	10	65	474	1500	0.10	50
	10SVPD56M	10	56	45	538	1700	0.12	112
E7	35SVPD8R2M	35	8.2	70	400	1300	0.10	57
	25SVPD22M	25	22	48	580	1835	0.10	110
	16SVPD82M	16	82	40	670	2120	0.12	262
F8	35SVPD18M	35	18	60	550	1800	0.10	126
	25SVPD39M	25	39	45	664	2100	0.10	195
E12	35SVPD22M	35	22	50	700	2300	0.12	154
	25SVPD47M	25	47	30	943	2980	0.12	235
F12	35SVPD47M	35	47	30	1150	3650	0.12	329
	25SVPD82M	25	82	28	1202	3800	0.12	410

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

*2 After 2 minutes

*3 T: Ambient temperature

Dimensions

(unit:mm)

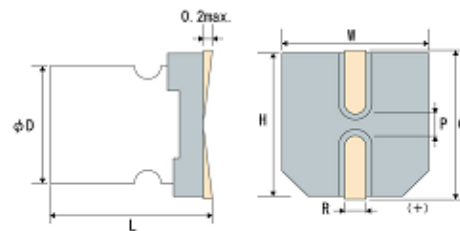
Size code	pi D+0.5max.	L+0.1/-0.4	W+/-0.2	H+/-0.2	C+/-0.2	R	P+/-0.2
C6	6.3	5.9	6.6	6.6	7.3	0.5 to 0.8	2.1
E7	8.0	6.9	8.3	8.3	9.0	0.5 to 0.8	3.2
F8	10.0	7.9	10.3	10.3	11.0	0.5 to 0.8	4.6
E12	8.0	11.9	8.3	8.3	9.0	0.8 to 1.1	3.2
F12	10.0	12.6	10.3	10.3	11.0	0.8 to 1.1	4.6

Size List

RV:rated voltage (SV):surge voltage (room temperature)

RV (SV)	10 (11.5)	16 (18.4)	25 (29)	35 (40)
uF				
8.2				E7
10			C6	
18				F8
22			E7	E12
39			F8	
47			E12	F12
56	C6			
82		E7	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.11. 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.