



**Super Low ESR : 5mOHM / Large capacitance : 2700uF**  
**Large ripple current : 7200mArms / Small size : C6 & C9 size**

\*\* Endurance : 105C x RV x 2,000h

\*\* Damp heat : 60deg.C x 90% x 1,000h (No voltage)

Introducing additional models (highlighted in red)

**SEPC Series Characteristics List**

Size code	Part Number	Rated Voltage (V)	Rated Capacitance (uF)	ESR 100kHz to 300kHz (mOHM)(max.)	Rated ripple current 100kHz (mArms) at105C	Tangent of loss angle (max.)	Leakage current (uA) (max.)*
C6	16SEPC100M	16	100	24	2820	0.10	320
	16SEPC100MW	16	100	10	4680	0.10	500
C9	2SEPC330MW	2.5	330	7	5600	0.10	500
	2SEPC560MW	2.5	560	7	5600	0.10	500
E9	16SEPC180MX	16	180	10	5000	0.10	576
	16SEPC270MX	16	270	10	5000	0.10	864
	6SEPC470MX	6.3	470	8	5700	0.10	592
	6SEPC560MX	6.3	560	7	6100	0.10	500
	4SEPC560MX	4	560	7	6100	0.10	500
	2SEPC560MX	2.5	560	8	4700	0.10	280
	2SEPC820MX	2.5	820	7	6100	0.10	500
	2SEPC820MY	2.5	820	5	7200	0.10	500
	2SEPC1000MX	2.5	1000	7	6100	0.10	500
	E12	16SEPC180M	16	180	16	4360	0.10
16SEPC270M		16	270	11	5000	0.10	864
E13	6SEPC470M	6.3	470	8	5700	0.10	592
	4SEPC560M	4	560	7	6100	0.10	500
	4SEPC680M	4	680	7	6100	0.10	544
	2R5SEPC820M	2.5	820	7	6100	0.10	500
F13	16SEPC470M	16	470	10	6100	0.10	1504
	6SEPC680M	6.3	680	7	6640	0.10	857
	6SEPC1500M	6.3	1500	10	5560	0.10	1890
	4SEPC820M	4	820	7	6640	0.10	656
	2SEPC2700M	2.5	2700	10	5560	0.10	1350

\* After 2 minutes

**Dimensions**

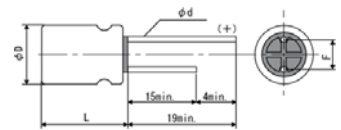
(unit:mm)

Size code	pi D+0.5max.	Lmax.	F	pi d+/-0.05
C6	6.3	6.0	2.5+/-0.5	0.45
C9	6.3	9.0	2.5+/-0.5	0.6
E9	8.0	9.0	3.5+/-0.5	0.6
E12	8.0	12.0	3.5+/-0.5	0.6
E13	8.0	13.0	3.5+/-0.5	0.6
F13	10.0	13.0	5+/-0.5	0.6

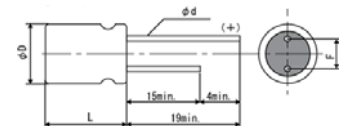
\*C9,E9 size will be used flat rubber packing.

**Form figure**

E12,E13,F13size



C6,C9,E9size



**Size List**

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

RV (SV)	2.5 (3.3)	4 (5.2)	6.3 (8.2)	16 (18.4)
uF				
100				C6,C9
180				E9,E12
270				E9,E12
330	C9			
470			E9, E13	F13
560	C9,E9	E9, E13	E9	
680		E13	F13	
820	E9, E13	F13		
1000	E9			
1500			F13	
2700	F13			

**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.15. 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.