

CHIP ALUMINUM ELECTROLYTIC CAPACITORS

SEV

SEV **SERIES**

85℃ Standard

•Load Life : 85°C 2000 hours.

•AEC-Q200.





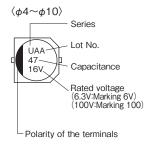
SPECIFICATIONS

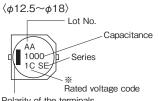
Items	Characteristics												
Category Temperature Range	-40~+85°C												
Rated Voltage Range	4~100Vdc												
Capacitance Tolerance	±20%(20°C,120Hz)												
Leakage Current(MAX)	I=0.01CV or 3μ A whichever is greater. (After 2 minutes application of rated voltage) I=Leakage Current(μ A) C=Capacitance(μ F) V=Rated Voltage(VdC)												
Dissipation Factor(MAX) (tanδ)	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												
Endurance	After applying rated voltage with rated ripple current for 2000 hrs at 85°C, the capacitors shall meet the following requirements. Capacitance Change Within ±25% of the initial value. Dissipation Factor Not more than 200% of the specified value. Leakage Current Not more than the specified value.												
Low Temperature Stability Impedance Ratio(MAX)	Rated Voltage (Vdc)												

♦MULTIPLIER FOR RIPPLE CURRENT

Frequ	60 (50)	120	500	1k	10k≦	
Coefficient	0.47~1μF	0.50	1.00	1.20	1.30	1.50
	2.2~4.7μF	0.65	1.00	1.20	1.30	1.50
	10~47μF	0.80	1.00	1.20	1.30	1.50
	100~1000μF	0.80	1.00	1.10	1.15	1.20
	2200~10000μF	0.80	1.00	1.05	1.10	1.15







Polarity of the terminals

*Voltage code										
Rated Voltage (Vdc)	6.3	10	16	25	35	50	63	100		
Rated Voltage code	OJ	1A	1C	1E	1 V	1H	1J	2A		

◆PART NUMBER

	SE\
Rated Voltage	Serie

Capacitano	;

Capacitar	nce -	Tolera	nc



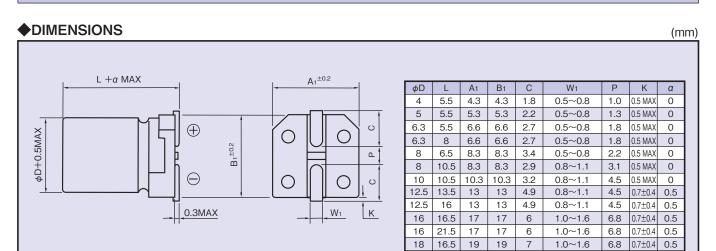
 $\mathsf{D} \times \mathsf{L}$ Case Size



CHIP ALUMINUM ELECTROLYTIC CAPACITORS

SEV

6.8 0.7±0.4 0.5



18

21.5

19

19

◆STANDARD SIZE

Size φD×L(mm), Rated Ripple Current (mA r.m.s./85°C, 120Hz)

7

1.0~1.6

Size \$\phi \times \text{IANDARD Size}\$ Size \$\phi \times \text{L(mm)}, Rated Ripple Current (mA r.m.s./85 C, 120Hz)																		
Vdc	4		6.3		10		16		25		35		50		63		100)
Cap(µF)	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.47													4×5.5	4.0				
1													4×5.5	8.4				
2.2													4×5.5	14				
3.3													4×5.5	17				
4.7									4×5.5	18	4×5.5	18	4×5.5 5×5.5	18 22				
10							4×5.5	25	4×5.5	25	5×5.5	30	5×5.5 6.3×5.5	30 35			8×10.5	90
22			4×5.5	29			4×5.5 5×5.5	30 39			6.3×5.5	48	6.3×5.5 8×6.5	48 80	8×10.5	75	8×10.5	130
33	4×5.5	28			4×5.5 5×5.5		5×5.5	43	6.3×5.5	54	6.3×5.5	58	6.3×8 8×10.5	95 200	8×10.5	160	10×10.5	170
47	4×5.5	34	4×5.5 5×5.5	36 46			5×5.5 6.3×5.5	50 60	6.3×5.5	60			8×10.5 10×10.5		8×10.5	170	12.5×13.5	250
100	5×5.5	61	5×5.5 6.3×5.5		6.3×5.5	71	6.3×5.5 8×6.5	86 135	6.3×8 8×6.5				8×10.5 10×10.5		10×10.5	240	12.5×16	440
220	6.3×5.5	96	6.3×5.5	96		175 190		165 290	8×10.5 10×10.5		10×10.5	570	12.5×13.5	580	12.5×16	580	16×21.5 18×16.5	665
330			6.3×8 8×6.5		8×10.5	330	8×10.5 10×10.5		10×10.5	680			12.5×13.5	600	18×16.5	680		: 1
470	6.3× 8	200	8×10.5	380			8×10.5 10×10.5		12.5×13.5	700	12.5×13.5	700	16×16.5	740	16×21.5 18×16.5	850		
1000			10×10.5	700	12.5×13.5	710	12.5×13.5	720	12.5×16	820	16×16.5	1000	18×21.5	1150				
2200			12.5×16	890	12.5×16	960	16×16.5	1150	16×21.5 18×16.5	1350	18×21.5	1550						
3300			16×16.5	1200	16×16.5	1300	16×21.5 18×16.5	1450	18×21.5	1700								
4700			16×16.5	1400	16×21.5 18×16.5	1500	18×21.5	1750										
6800			16×21.5 18×16.5	1650	18×21.5	1850		 		 								
10000			18×21.5															