# MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS



### **SSP** Series

• 85°C 2,000Hrs assured.

- Non-solvent proof.
- Bi-polarized.
- For Speaker Cross-Over Network.
- · RoHS compliant.
- Halogen-free capacitors are also available.

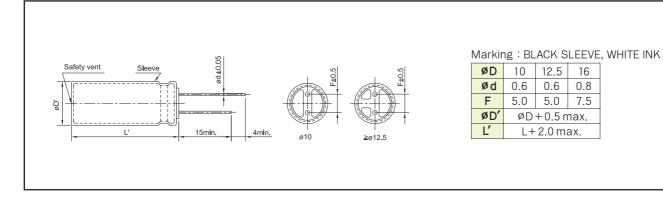


#### **SPECIFICATIONS**

Item	Characteristics			
Rated Voltage Range	25 ~ 63 Vpc			
Operating Temperature Range	-40 ∼ +85°C			
Capacitance Tolerance	±20% (M) (at 1kHz, 20°C)			
Leakage Current (In both directions)	After 1 minute: $I=0.06\text{CV}(\mu\text{A})$ or 10 $\mu\text{A}$ , whichever is greater.  After 5 minutes: $I=0.03\text{CV}(\mu\text{A})$ or 3 $\mu\text{A}$ , whichever is greater.  Where, $I:\text{MAX.Leakage current}(\mu\text{A})$ , C:Nominal capacitance( $\mu\text{F}$ ), V:Rated voltage( $V_{DC}$ ) (at 20°C)			
Dissipation Factor(Tanð)	Rated Voltage(VDC) 25 50 63			
	Tan <b>∂</b> (Max.) 0.12 0.10 0.09			
	0.20 at 10kHz (Applicable to the capacitances of 10 $\mu$ F or less) (at 1kHz, 20°C)			
Temperature Characteristics (Max. Impedance ratio)	Rated Voltage(Vpc) 25 50 63  Z(-25°C)/Z(20°C) 2 2 2  Z(-40°C)/Z(20°C) 4 3 3  (at 120Hz)			
Load Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after rated DC voltage is applied for 2,000 hours at 85°C. During this test, the rated DC voltage shall be reversed on the capacitor every 250 hours.    Capacitance change $\leq \pm 15\%$ of the initial value   Tan $\delta \qquad \leq 150\%$ of the initial specified value   Leakage current $\leq$ The initial specified value			
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them at 85°C for 1,000 hours without voltage applied.   Capacitance change $\leq \pm 20\%$ of the initial value   Tan $\delta$ $\leq 200\%$ of the initial specified value   Leakage current $\leq 200\%$ The of initial specified value			
Others	Satisfied characteristics KS C IEC 60384-4			

#### DIMENSIONS OF SSP Series

Unit(mm)





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### RATINGS OF SSP Series

VDC μF	25	50	63
1			10×12.5
1.5			10×12.5
2.2			10×12.5
3.3			10×12.5
4.7		10×12.5	10×16
6.8	10×12.5	10×16	10×20
10	10×16	10×16	12.5×20
15	10×16	10×20	12.5×20
22	10 × 20	10 × 20	12.5×25
33	10×20	12.5×20	16×25
47	10×20	12.5×20	16×25
68	12.5×20	12.5×25	16×31.5
100	12.5×25	16×25	16×35.5

Case Size ØD×L(mm)