

## SSP Series

● 85°C 2,000Hrs assured

- Non-solvent proof.
- Downsized of KMG Series(160~450 V<sub>DC</sub>)
- ESSP Series : Ecological capacitors with  
The same characteristics as SSP

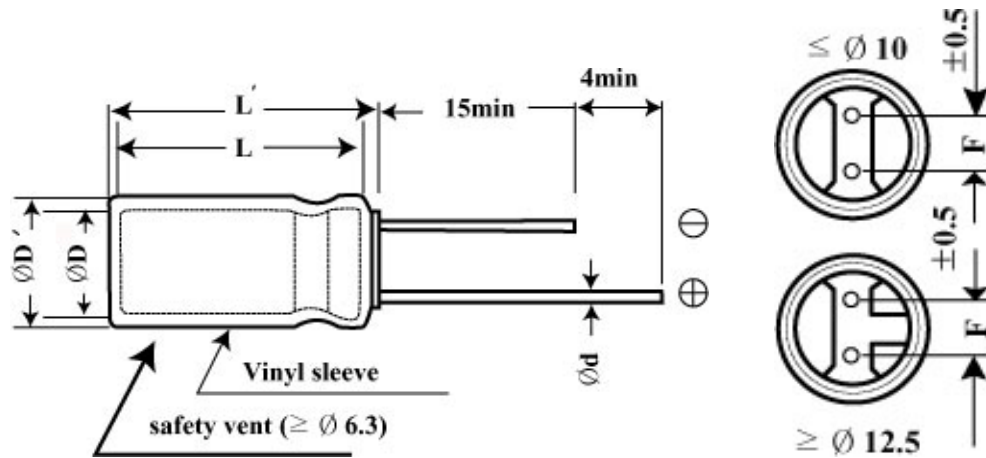


## SPECIFICATIONS

Item	Characteristics			
Rated Voltage Range	25 ~ 63V <sub>DC</sub>			
Operating Temperature Range	-40 ~ +85°C			
Capacitance Tolerance	±20% (M)			(at 1kHz, 20°C)
Leakage Current (In both directions)	After 1 Minute : I = 0.06CV(µA) or 10µA, whichever is greater After 5 Minute : I = 0.03CV(µA) or 3µA, whichever is greater Where, I : MAX.Leakage current(µA), C : Nominal Capacitance(µF) V : Rated Voltage(V <sub>DC</sub> ) (at 20°C)			
Dissipation Factor (Tanδ)	Rated Voltage(V <sub>DC</sub> )	25	50	63
	Tanδ(Max)	0.12	0.10	0.09
0.20 at 10kHz(Applicable to the capacitance of 10µF or less)				(at 1kHz, 20°C)
Temperature Characteristics (Max.Impedance ratio)	Rated Voltage(V <sub>DC</sub> )	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 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 ≤±15% of the initial value Tanδ ≤150% of the initial specified value Leakage current ≤ 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 1,000hours without voltage applied. Capacitance change ≤±20% of the initial value Tanδ ≤200% of the initial specified value Leakage current ≤200% of the initial specified value			
Others	Satisfied characteristics W of KS C 6421			

## DIMENSIONS OF SSP Series

Unit(mm)



$\phi D$	F	$\phi d$	$L'$
10	5	0.6	$L + 2.0$
12.5	5	0.6	$L + 2.0$
16	7.5	0.8	$L + 2.0$

Marking : BLACK SLEEVE, WHITE INK

## RATINGS OF SSP Series

$\mu F$	VDC	25(1E)	50(1H)	63(1J)
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