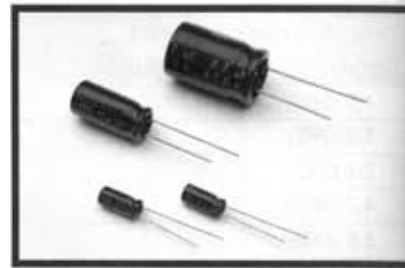


SSL Radial Lead Type Series

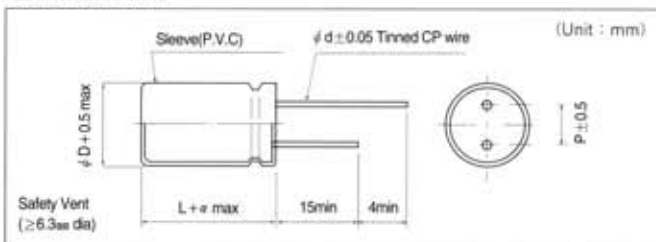
- Standard series for general purpose



Specifications

Item	Performance Characteristics											
Operating Voltage	-40 ~ +85 °C (6.3 ~ 400V), -25 ~ +85 °C (450V)											
Voltage	6.3 ~ 450V											
Capacitance Range	0.1 ~ 15000 μ F											
Capacitance Tolerance	\pm 20% at 120Hz, 20 °C											
Leakage Current	6.3 ~ 100V $I = 0.01CV$ or 3μ A whichever is greater (After 2minute)	160 ~ 450V $I = 0.03CV + 15\mu$ A ($CV \leq 1000$) $I = 0.02CV + 25\mu$ A ($CV > 1000$) (After 5minute)										
tan δ	(20 °C, 120Hz)											
	Rated voltage(V)	6.3	10	16	25	35	50	63	100	160~250	350~450	
	tan δ (MAX.)	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.07	0.15	0.20	
Add 0.02 per 1000 μ F for more than 1000 μ F items												
Stability at Low Temperature	(120Hz)											
	Rated voltage(V)	6.3	10	16	25	35~100	160~400	450				
	Z(-25 °C)/Z(+20 °C)	4	3	2	2	2	3	6				
	Z(-40 °C)/Z(+20 °C)	12	10	8	6	4	6	-				
Load Life	After 2000hours application of DC rated working voltage at 85 °C the measurement shall meet following limits. Measurements shall be performed after 2hours exposure at room temperature.					Leakage current		Initial specified value or less				
						Capacitance change		Within \pm 20% of the initial measured value				
Shelf Life	After 1000hours at 85 °C without voltage application measurements shall meet the following limits. Measurement shall be performed after exposure for 24hours at room temperature after application of DC rated voltage to the capacitors for 30minutes.					Leakage current		Initial specified value or less				
						Capacitance change		Within \pm 20% of the initial measured value				
Marking	Printed with white color letter on blue sleeve											
Applicable Standards	JIS C-5141, JIS C-5102											

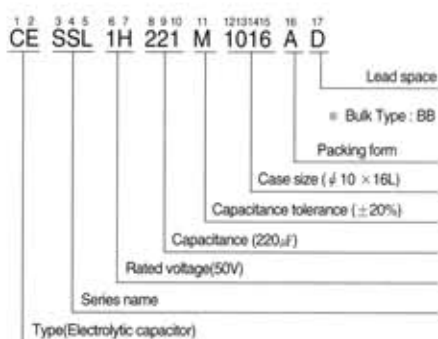
Dimensions



ϕ D	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
ϕ d	0.5	0.5	0.6	0.6	0.6	0.8	0.8
α	L \leq 16 : 1.5, L \geq 16 : 2.0						

In case size L > 25 for ϕ 13 case sizes, lead diameter ϕ d 0.8 will be applied.

Part number system



Code	Lead Space
D	5, 7.5mm
F	2.5mm

Code	Packing Form
A	Taping
F	Cutting

■ Case size table

(ϕ D × L_{mm})

W.V(Vdc) Cap(μ F)	6.3 (0J)	10 (1A)	16 (1C)	25 (1E)	35 (1V)	50 (1H)	63 (1J)	100 (2A)
0.1(0R1)						5×11	5×11	5×11
0.22(R22)						5×11	5×11	5×11
0.33(R22)						5×11	5×11	5×11
0.47(R47)						5×11	5×11	5×11
1 (010)						5×11	5×11	5×11
2.2(2R2)						5×11	5×11	5×11
3.3(3R3)						5×11	5×11	5×11
4.7(4R7)						5×11	5×11	5×11
10 (100)			5×11	5×11	5×11	5×11	5×11	6.3×11
22 (220)			5×11	5×11	5×11	5×11	6.3×11	8×11.5
33 (330)			5×11	5×11	5×11	6.3×11	6.3×11	10×12.5
47 (470)		5×11	5×11	5×11	6.3×11	6.3×11	8×11.5	10×16
100 (101)	5×11	5×11	6.3×11	6.3×11	8×11.5	8×11.5	10×12.5	13×20
220 (221)	6.3×11	6.3×11	8×11.5	8×11.5	10×12.5	10×16	10×20	16×25
330 (331)	6.3×11	8×11.5	8×11.5	10×12.5	10×16	10×20	13×20	16×25
470 (471)	8×11.5	8×11.5	10×12.5	10×16	10×20	13×20	13×25	16×31.5
1000 (102)	10×12.5	10×16	10×20	13×20	13×25	16×25	16×31.5	
2200 (222)	13×20	13×20	13×25	16×25	16×31.5	18×35.5		
3300 (332)	13×20	13×25	16×25	16×31.5	18×35.5			
4700 (472)	16×25	16×25	16×31.5	18×35.5	18×40			
6800 (682)	16×25	16×31.5	18×35.5	18×40				
10000 (103)	16×31.5	18×35.5	18×40					
15000 (153)	18×35.5							

W.V(Vdc) Cap(μ F)	160 (2C)	200 (2D)	250 (2E)	350 (2V)	400 (2G)	450 (2W)
1 (101)	6.3×11	6.3×11	6.3×11	6.3×11	8×11.5	10×12.5
2.2 (2R2)	6.3×11	6.3×11	8×11.5	10×12.5	10×12.5	10×16
3.3 (3R3)	8×11.5	8×11.5	10×12.5	10×12.5	10×16	10×16
4.7 (4R7)	8×11.5	10×12.5	10×12.5	10×16	10×16	10×20
10 (100)	10×12.5	10×16	10×16	10×20	13×20	13×20
22 (220)	10×20	10×20	13×20	13×25	16×25	16×25
33 (330)	13×20	13×20	13×25	16×25	16×31.5	16×31.5
47 (470)	13×25	13×25	16×25	16×31.5	16×35.5	16×35.5
100 (101)	16×25	16×31.5	16×35.5	18×40	22×40	
220 (221)	18×35.5	18×40	22×40			
330 (331)	22×40					

