

Features

SSE series

5mm height standard.

SEM series

Further miniaturized more than SSE series.

Recommended Applications

AV(TV, Video, Audio), office, Home appliance etc.

Specifications

Operating temperature range : -40° ~+85° ...

Rated working voltage : 6.3~50Vdc

Rated capacitance : 0.1~100µf

Capacitance tolerance : (at 120Hz, +20°), ±20%

Tan δ : (at 120Hz, 20°) ..

W.V.	6.3	10	16	25	35	50
SSE	0.24	0.20	0.17	0.15	0.12	0.10
SEM	0.27	0.23	0.19	0.17	0.15	0.13

DC leakage current : max.

$$I = 0.01 CV \text{ } \mu\text{A}$$

whichever is greater.

where I = DC leakage current in µA

C = rated capacitance in µf

V = rated working voltage in V

DC leakage current shall be measured after 2 minutes application of the DC rated working voltage through the 1000Ω resistor at 20° ...

Load life :

After 2000 hours application of DC rated working voltage at 85° ... the measurements shall meet following limits.

Measurements shall be performed after 2 hours exposure at room temperature.

Capacitance change	±20% of the initial measured value.
Tan δ • %	±200% of the initial specified value.
DC leakage current	the initial specified value.



Shelf life :

After storage for 500 hours at 85° without voltage application, the measurements shall meet the following limits.

Capacitance change	±20% of the initial measured value.
Tan δ • %	±200% of the initial specified value.
DC leakage current	the initial specified value.

Measurements shall be performed after exposure for 24 hours at room temperature after application of DC rated voltage to the capacitors for 30 minutes.

Low temperature impedance stability.

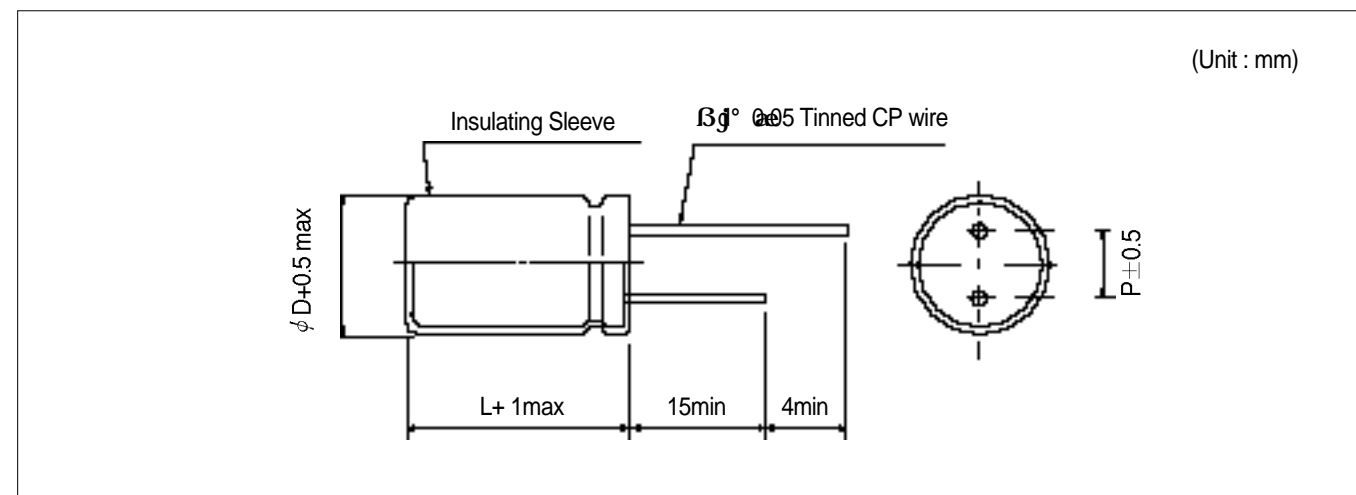
Impedance ratio against value at +20° ,120Hz

W.V.(V DC)	-25° /±20° ...	-40° /±20° ...	
		SSE	SEM
6.3	4	8	10
10	3	6	8
16	2	4	6
25	2	4	4
35	2	3	4
50	2	3	4

Maximum permissible ripple current :

Refer to standard products table

Dimensions



Body Dia D	3	4	5	6.3
Lead Dia d	0.4		0.45	
Lead Space P	1.0	1.5	2.0	2.5

Case Size Table

(φD, 5mm Height)

W.V(V dc)	6.3		10		16		25		35		50	
	SSE	SEM	SSE	SEM	SSE	SEM	SSE	SEM	SSE	SEM	SSE	SEM
0.1											4(3)	3
0.15											4(3)	3
0.22											4(3)	3
0.33											4(3)	3
0.47											4(3)	3
0.68											4(3)	3
1											4(3)	3
1.5											4(3)	3
2.2									3	3	4	3
3.3							3	3	4	3	4	3
4.7					3	3	4	3	4	3	5	4
6.8			3	3	4	3	4	4	5	4	6.3	5
10	3	3	4	3	4	3	5	4	5	5	6.3	6.3
15	4	3	4	4	5	4	6.3	5	6.3	5		
22	4	4	5	4	5	4	6.3	5	6.3	6.3		
33	5	4	5	4	6.3	5	6.3	6.3				
47	5	4	6.3	5	6.3	6.3						
68	6.3	5		6.3								
100	6.3	6.3										
220												
330												