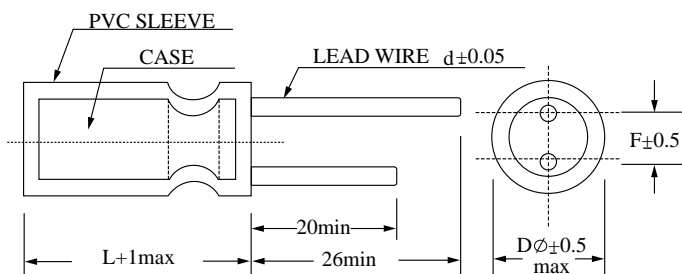


- Miniature size with excellent operating life
- Low profile case with 7mm height
- Developed for the miniaturization of electronic devices and equipment's

### SS Series Super Miniature Size



Unit: mm

D ∅	4	5	6.3	8
d	0.45	0.45	0.45	0.45
F	1.5	2.0	2.5	3.0

ITEM	CHARACTERISTIC																
Operation Temperature Range	-40~+85°C																
Rated Working Voltage Range	6.3V~63V DC																
Capacitance Tolerance (120Hz, 25°C)	±20% (M)																
Leakage Current (25°C)	Less than 0.01CV or 3μA whichever is greater																
	I: Leakage Current (μA) C: Rated Capacitance (μF) V: Working Voltage (V) After two minutes applying the DC working voltage																
Dissipation Factor (120Hz, 25°C) (Tan.θ)	<table border="1"> <tr> <td>W.V.</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Tan.θ</td> <td>0.25</td> <td>0.20</td> <td>0.17</td> <td>0.17</td> <td>0.15</td> <td>0.10</td> <td>0.10</td> </tr> </table>	W.V.	6.3	10	16	25	35	50	63	Tan.θ	0.25	0.20	0.17	0.17	0.15	0.10	0.10
	W.V.	6.3	10	16	25	35	50	63									
Tan.θ	0.25	0.20	0.17	0.17	0.15	0.10	0.10										
Load Test	After 1000 hours application of W. V. at +85°C the capacitor shall meet the following limits:																
	<table border="1"> <tr> <td>Capacitance Change</td> <td>≤ ±20% of initial value</td> </tr> <tr> <td>Tan.θ</td> <td>≤200% of initial specified value</td> </tr> <tr> <td>Leakage Current</td> <td>≤Initial specified value</td> </tr> </table>	Capacitance Change	≤ ±20% of initial value	Tan.θ	≤200% of initial specified value	Leakage Current	≤Initial specified value										
	Capacitance Change	≤ ±20% of initial value															
Tan.θ	≤200% of initial specified value																
Leakage Current	≤Initial specified value																
Shelf Test	After 1000 hours without voltage applied at +85°C the capacitor shall meet the following limits:																
	<table border="1"> <tr> <td>Capacitance Change</td> <td>≤ ±20% of initial value</td> </tr> <tr> <td>Tan.θ</td> <td>≤200% of initial specified value</td> </tr> <tr> <td>Leakage Current</td> <td>≤200% of initial specified value</td> </tr> </table>	Capacitance Change	≤ ±20% of initial value	Tan.θ	≤200% of initial specified value	Leakage Current	≤200% of initial specified value										
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Tan.θ	≤200% of initial specified value																
Leakage Current	≤200% of initial specified value																

### SS Series

#### Dimensions

DxL (mm)

$\frac{V}{\mu F}$	6.3	10	16	25	35	50	63
0.1	-	-	-	-	-	4x7	4x7
0.22	-	-	-	-	-	4x7	4x7
0.33	-	-	-	-	-	4x7	4x7
0.47	-	-	-	-	-	4x7	4x7
1	-	-	-	-	-	4x7	4x7
2.2	-	-	-	-	-	4x7	4x7
3.3	-	-	-	-	-	4x7	4x7
4.7	-	-	-	-	-	4x7	4x7
10	-	-	4x7	4x7	4x7	5x7	6.3x7
22	-	4x7	4x7	5x7	6.3x7	6.3x7	-
33	4x7	4x7	5x7	5x7	6.3x7	-	-
47	4x7	4x7	5x7	6.3x7	8x9	-	-
68	-	5x7	-	-	-	-	-
100	5x7	5x7	6.3x7	-	-	-	-
220	6.3x7	6.3x7	6.3x7	-	-	-	-
470	-	8x9	-	-	-	-	-

#### Permissible Ripple Current mA RMS Maximum at 120Hz 85°C

$\frac{V}{\mu F}$	6.3	10	16	25	35	50	63
0.1	-	-	-	-	-	1	1
0.22	-	-	-	-	-	2	2
0.33	-	-	-	-	-	3	4
0.47	-	-	-	-	-	5	6
1	-	-	-	-	-	10	12
2.2	-	-	-	-	-	18	20
3.3	-	-	-	-	-	23	25
4.7	-	-	-	23	23	28	31
10	-	-	28	31	34	42	-
22	32	36	42	48	54	88	-
33	40	45	54	60	86	-	-
47	48	56	65	86	120	-	-
68	-	69	-	-	-	-	-
100	73	80	86	-	-	-	-
220	160	175	190	-	-	-	-
470	-	210	-	-	-	-	-