

MINIATURE SIZE

SS Series

7mmL 85°C , Standard

JAMICON®

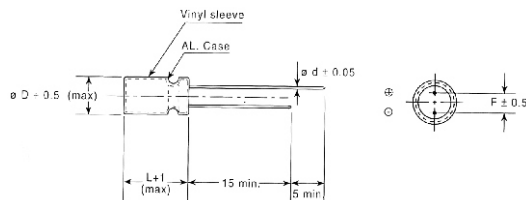
- For general purposes series with 7mm height .

SPECIFICATION

Item	Characteristic																																
Operation Temperature Range	-40~+85℃																																
Rated working Voltage	4~63VDC																																
Capacitance Tolerance (120Hz 25℃)	±20%(M)																																
Leakage Current (25℃)	I ≤ 0.01 CV or 3 (μ A) I: Leakage Current (μ A) C: Rated Capacitance(μ F) V : Working Voltage (V) Whichever is greater after 2 minutes																																
Surge Voltage (25℃)	<table><tr><td>W.V.</td><td>4</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>S.V.</td><td>5</td><td>8</td><td>13</td><td>20</td><td>32</td><td>44</td><td>63</td><td>79</td></tr></table>									W.V.	4	6.3	10	16	25	35	50	63	S.V.	5	8	13	20	32	44	63	79						
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S.V.	5	8	13	20	32	44	63	79																									
Dissipation Factor (tan δ) (120Hz 25℃)	<table><tr><td>W.V.</td><td>4</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>50~63</td></tr><tr><td>tan δ</td><td>0.35</td><td>0.24</td><td>0.20</td><td>0.16</td><td>0.14</td><td>0.12</td><td>0.10</td><td>0.10</td></tr></table>									W.V.	4	6.3	10	16	25	35	50	50~63	tan δ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.10						
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Low Temperature Stability	Impedance ratio at 120Hz <table><tr><td>Rated Voltage (V)</td><td>4</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50~63</td></tr><tr><td>-25℃/+25℃</td><td>6</td><td>4</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>-40℃/+25℃</td><td>12</td><td>8</td><td>6</td><td>4</td><td>4</td><td>3</td><td>3</td></tr></table>									Rated Voltage (V)	4	6.3	10	16	25	35	50~63	-25℃/+25℃	6	4	3	2	2	2	2	-40℃/+25℃	12	8	6	4	4	3	3
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-25℃/+25℃	6	4	3	2	2	2	2																										
-40℃/+25℃	12	8	6	4	4	3	3																										
Load Life	After 1000 hours application of WV at +85℃, the capacitor shall meet the following limits.																																
	Capacitance Change		≤ ±20% of initial value																														
	Dissipation Factor		≤200% of initial specified value																														
	Leakage current		≤initial specified value																														
Shelf Life	At +85℃ no voltage application after 1000 hours and then through the aging treatment (reference JIS C 5102 4.4) , the capacitor shall meet the limits for load life characteristics .																																
Reference Standard	JIS C 5102																																

DIMENSIONS (mm)

ϕD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45	0.45	0.45	0.50



CASE SIZE & MAX RIPPLE CURRENT

Case size : DxL (mm)
 Max ripple current : mA (rms)
 (R.C.) : 85°C 120Hz

V(Code) μF Code		4 (0G)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)	
		DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
0.1	0R1												→	4x7	3	4x7	3
0.22	R22												→	4x7	5	4x7	5
0.33	R33												→	4x7	6	4x7	6
0.47	R47												→	4x7	7	4x7	7
1.0	010												→	4x7	11	4x7	11
2.2	2R2												→	4x7	16	4x7	16
3.3	3R3										→	4x7	18	4x7	20	5x7	22
4.7	4R7							→	4x7	20	4x7	22	4x7	24	6.3x7	31	
10	100						→	4x7	27	4x7	29	5x7	36	6.3x7	45	6.3x7	45
22	220		→	4x7	33	4x7	36	4x7	39	5x7	49	6.3x7	60	8x7	75		
33	330	4x7	33	4x7	40	4x7	44	5x7	55	6.3x7	70	8x7	85	8x7	95		
47	470	4x7	40	5x7	55	5x7	60	5x7	65	8x7	95	8x7	100				
100	101	5x7	65	6.3x7	90	6.3x7	100	6.3x7	110	8x7	140						
220	221	6.3x7	110	8x7	160	8x7	170	8x7	190								
330	331	8x7	160	8x7	190												

All blank voltage on sleeve marking is the same voltage as " → " point to.