

RADIAL TYPE

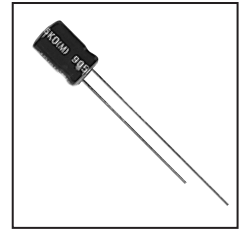
SS

Series

7mmL 85°C, Standard

JAMICON®

- For general purposes series with 7mm height

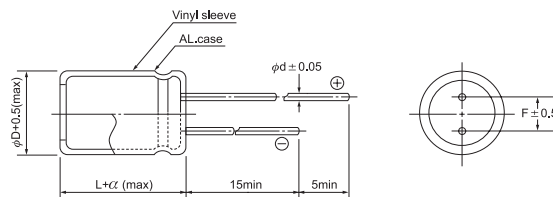


● SPECIFICATION

Item	Characteristic									
Operation Temperature Range	-40 ~ +85°C									
Rated Working Voltage	4 ~ 63VDC									
Capacitance Tolerance (120Hz 20°C)	±20%(M)									
Leakage Current (20°C)	$I \leq 0.01CV$ or 3 (μA)					I : Leakage Current (μA) C : Rated Capacitance (μF) V : Working Voltage (V)				
	*Whichever is greater after 2 minutes									
Surge Voltage (20°C)	W.V.	4	6.3	10	16	25	35	50	63	
	S.V.	5	8	13	20	32	44	63	79	
Dissipation Factor (tan δ) (120Hz 20°C)	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	
Low Temperature Stability	Impedance ratio at 120Hz									
	Rated Voltage (V)	4	6.3	10	16	25	35	50~63		
	-25°C / +20°C	6	4	3	2	2	2	2	2	
	-40°C / +20°C	12	8	6	4	4	3	3		
Load Life	After 1000 hours application of W.V. and +85°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage \leq rate working voltage)									
	Capacitance Change	$\leq \pm 20\%$ of initial value								
	Dissipation Factor	$\leq 200\%$ of initial specified value								
	Leakage current	\leq initial specified value								
Shelf Life	At +85°C no voltage application after 1000 hours the capacitor shall meet the limits for load life characteristics. (with voltage treatment)									

● 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
α	1.0	1.0	1.0	1.0



● CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm)
Max ripple current : mA(rms) 85°C 120Hz

μF	V(Code) Code	Item	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																
0.22		R22												→	4x7	4	4x7	4
0.33		R33												→	4x7	6	4x7	6
0.47		R47												→	4x7	7	4x7	7
1.0		010												→	4x7	8	4x7	8
2.2		2R2												→	4x7	12	4x7	12
3.3		3R3												→	4x7	18	4x7	18
4.7		4R7												→	4x7	22	5x7	25
10		100							→	4x7	22	4x7	24	4x7	26	6.3x7	34	
22		220												→	4x7	29	6.3x7	49
33		330	→	4x7	36	4x7	40	4x7	44	5x7	55	6.3x7	65	8x7	85			
47		470	→	4x7	44	5x7	60	5x7	75	8x7	100	8x7	110					
100		101	→	5x7	70	6.3x7	100	6.3x7	110	6.3x7	120	8x7	150					
220		221	→	6.3x7	120	8x7	170	8x7	190	8x7	210							
330		331	→	8x7	170	8x7	210											

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