

RADIAL TYPE

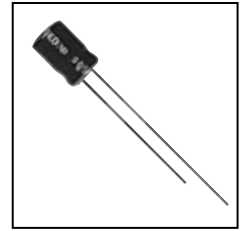
SS

Series

7mmL 85°C, Standard

JAMICON®

- For general purposes series with 7mm height

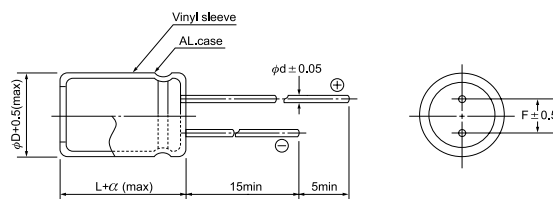


SPECIFICATION

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 $3 (\mu A)$ <div style="float: right; text-align: right;"> I : Leakage Current (μA) C : Rated Capacitance (μF) V : Working Voltage (V) </div> *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	50~63	
	-25°C / +20°C	6	4	3	2	2	2	2	2	
	-40°C / +20°C	12	8	6	4	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 ≤ rate working voltage)									
	Capacitance Change	±20% of initial value								
	Dissipation Factor	≤200% of initial specified value								
	Leakage current	≤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	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	36	4x7	40	4x7	44	5x7	55	6.3x7	65	8x7	85			
33	330	4x7	37	4x7	44	4x7	49	5x7	60	6.3x7	75	8x7	95	8x7	100			
47	470	4x7	44	5x7	60	5x7	65	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.