

RADIAL TYPE

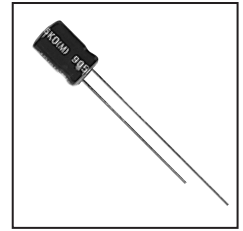
SS

Series

7mmL 85°C, Standard

JAMICON®

- For general purposes series with 7mm height

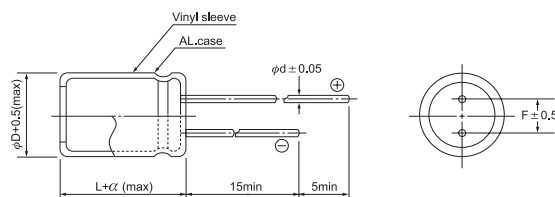


SPECIFICATION

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 ≤0.01CV or 3 (μA) *Whichever is greater after 2 minutes I : Leakage Current (μA) C : Rated Capacitance (μF) V : Working Voltage (V)								
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
	-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 ≤ 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

V(Code) Code		4 (0G)		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)	
μF	Item	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																
0.33	R33																
0.47	R47																
1.0	010																
2.2	2R2																
3.3	3R3																
4.7	4R7																
10	100																
22	220																
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.