

RADIAL TYPE

SS

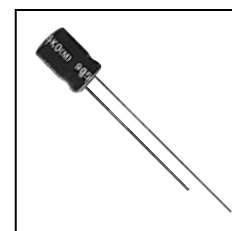
Series

7mmL 85°C, Standard

NT ← → SH

JAMICON®

- For general purposes series with 7mm height

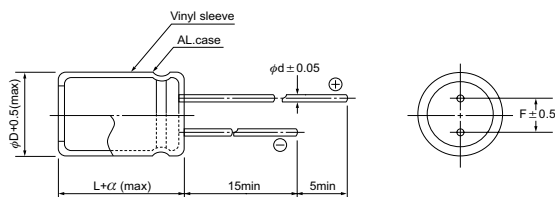


SPECIFICATION

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 $3 (\mu A)$									
	*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. at +85°C, 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°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	3	4x7	3
0.33	R33												→	4x7	5	4x7	5
0.47	R47												→	4x7	6	4x7	6
1.0	010												→	4x7	7	4x7	7
2.2	2R2												→	4x7	11	4x7	11
3.3	3R3												→	4x7	16	4x7	16
4.7	4R7												→	4x7	20	5x7	22
10	100								→	4x7	20	4x7	22	4x7	24	6.3x7	31
22	220												→	4x7	27	4x7	29
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.