

# RADIAL TYPE

# SH

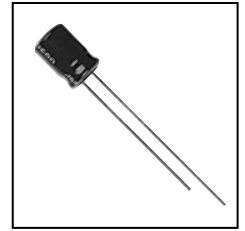
Series

7mmL 105°C, Wide Temperature Range

SS ← → SL

JAMICON®

- Wide temperature range series with 7mm height.

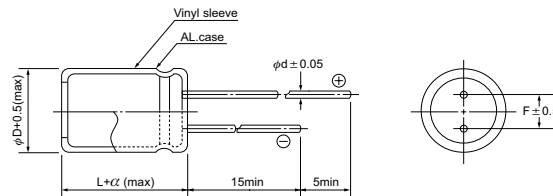


## ● SPECIFICATION

Item	Characteristic							
Operation Temperature Range	-55 ~ +105°C							
Rated Working Voltage	6.3 ~ 50VDC							
Capacitance Tolerance (120Hz 20°C)	±20%(M)							
Leakage Current (20°C)	$I \leq 0.01CV$ or 3 ( $\mu A$ )				I : Leakage Current ( $\mu A$ )			
	*Whichever is greater after 2 minutes				C : Rated Capacitance ( $\mu F$ )			
					V : Working Voltage (V)			
Surge Voltage (20°C)	W.V.	6.3	10	16	25	35	50	
	S.V.	8	13	20	32	44	63	
Dissipation Factor (tan $\delta$ ) (120Hz 20°C)	W.V.	6.3	10	16	25	35	50	
	tan $\delta$	0.24	0.21	0.18	0.15	0.13	0.12	
Low Temperature Stability	Impedance ratio at 120Hz							
	Rated Voltage (V)	6.3	10	16	25	35	50	
	-25°C / +20°C	3	2	2	2	2	2	
	-40°C / +20°C	6	5	4	3	3	3	
Load Life	After 1000 hours application of W.V. at +105°C, the capacitor shall meet the following limits.							
	Capacitance Change	$\leq \pm 25\%$ of initial value						
	Dissipation Factor	$\leq 200\%$ of initial specified value						
	Leakage current	$\leq$ initial specified value						
Shelf Life	At +105°C no voltage application after 1000 hours the capacitor shall meet the limits for load life characteristics. (with voltage treatment)							

## ● DIMENSIONS (mm)

$\phi D$	4	5	6.3	8
F	1.5	2.0	2.5	3.5
d	0.45	0.45	0.45	0.50
$\alpha$	1.0	1.0	1.0	1.0



## ● CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm)  
Max ripple current : mA(rms) 105°C 120Hz

$\mu F$	V(Code) Item Code	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)	
		DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
0.1	0R1									→	4x7	1	
0.22	R22									→	4x7	2.3	
0.33	R33									→	4x7	3.5	
0.47	R47									→	4x7	5	
1.0	010									→	4x7	10	
2.2	2R2									→	4x7	19	
3.3	3R3									→	4x7	24	
4.7	4R7								→	4x7	24	5x7	29
10	100			→		4x7	29	5x7	33	5x7	36	6.3x7	44
22	220	4x7	34	5x7	38	5x7	44	6.3x7	51	6.3x7	60	8x7	65
33	330	5x7	42	5x7	47	6.3x7	60	6.3x7	65	8x7	72		
47	470	5x7	50	6.3x7	65	6.3x7	70	8x7	78				
100	101	6.3x7	77	6.3x7	87	6.3x7	90						
220	221	8x7	130	8x7	140								

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