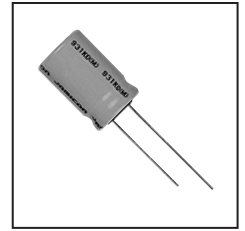


- High reliability withstanding 2000 hours load life at 125°C.
- Corresponding product to RoHS

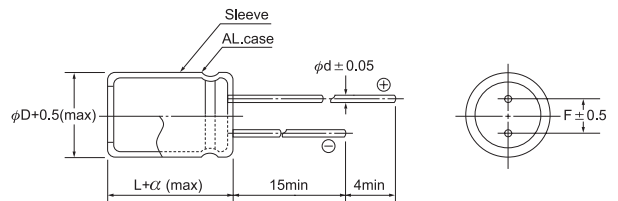


● SPECIFICATION

Item	Characteristic					
Operation Temperature Range	-55 ~ +125°C					
Rated Working Voltage	10 ~ 50VDC					
Capacitance Tolerance (120Hz 20°C)	±20%(M)					
Leakage Current (20°C)	I ≤ 0.01CV or 2 (μA)			I : Leakage Current (μA)		
	Whichever is greater after 2 minutes			C : Rated Capacitance (μF)		
				V : Working Voltage (V)		
Surge Voltage (20°C)	W.V.	10	16	25	35	50
	S.V.	13	20	32	44	63
Dissipation Factor (tan δ) (120Hz 20°C)	W.V.	10	16	25	35	50
	tan δ	0.20	0.16	0.14	0.12	0.10
Low Temperature Stability	Impedance ratio at 120Hz					
	Rated Voltage (V)	10	16	25	35	50
	-25°C / +20°C	3	2	2	2	2
	-40°C / +20°C	8	6	4	4	4
Load Life	After 2000 hours application of W.V. and +125°C ripple current value, the capacitor shall meet the following limits. (DC + ripple peak voltage ≤ rate working voltage)					
	Capacitance Change	≤ ±25% of initial value				
	Dissipation Factor	≤ 200% of initial specified value				
	Leakage current	≤ initial specified value				
Shelf Life	At +125°C no voltage application after 1000 hours, the capacitor shall meet the limits for load life characteristics. (with voltage treatment)					

● DIMENSIONS (mm)

φD	6.3	8	10	12.5
F	2.5	3.5	5.0	5.0
d	0.5	0.6	0.6	0.6
α	1.5	1.5	1.5	2.0



● CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm)
Max ripple current : mA(rms) 125°C 120Hz

V(DC) μF	10		16		25		35		50	
	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.	DxL	R.C.
10								→	8x11	70
22				→	6.3x11	70	8x11	100	8x11	110
33		→	6.3x11	75	8x11	110	8x11	120	8x11	130
47	6.3x11	80	6.3x11	90	8x11	130	8x11	140	8x11	150
100	6.3x11	120	8x11	170	8x11	230	10x12.5	270	10x12.5	290
220	8x11	230	10x12.5	330	10x12.5	460	10x16	530	10x20	590
333	10x12.5	360	10x12.5	400	10x16	620	10x20	720	12.5x20	900
470	10x12.5	430	10x16	530	10x20	820	12.5x20	970	12.5x20	960
1000	10x20	760	12.5x20	970	12.5x25	1170				

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