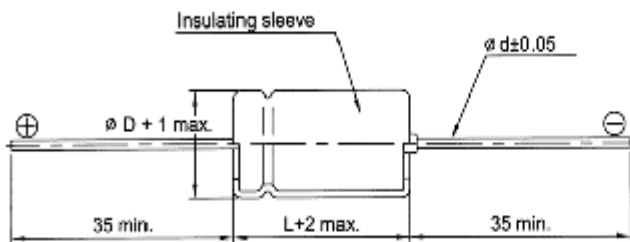


- I Standard Miniature Axial Type Aluminum Electrolytic Capacitors.
- I Life 2000 hours at 85°C
- I Small size allows wider choice of capacitance and voltage for automatic insertion.

## Characteristics

<b>Voltage Range</b>	10 to 100 VDC							
<b>Capacitance Range</b>	0.47 to 10000uF							
<b>Temperature Range</b>	-40 to +85°C							
<b>Capacitance Tolerance</b>	±20% at 120Hz, 20°C (10% Tol. is available upon request)							
<b>Leakage Current</b>	≤0.01CV or 3uA, whichever is greater 3 minutes after Rated Voltage applied				≤0.03CV or 3uA, whichever is greater 3 minutes after Rated Voltage applied			
<b>Dissipation Factor (tanδ)</b>	Rated Voltage (V)	10	16	25	35	50	63	100
	Dissipation Factor	0.20	0.17	0.15	0.12	0.10	0.10	0.08
<b>Stability at Low Temperature</b>	For capacitance > 1000uF, add 0.02 for every 1000uF, (at 20°C, 120Hz)							
	Impedance ratio at 120Hz							
	Rated Voltage (V)	10	16	25	35	50	63	100
	Z-25°C/Z 20°C	3	2	2	2	2	2	2
Z-40°C/Z 20°C	6	4	4	3	3	3	3	
<b>Load Life</b>	After the rated voltage has been applied for 2000 hours at 85°C		Capacitance change			Within ±20% of initial value		
			D.F. tanδ			150% or less of initial specified value		
			Leakage current			Less than initial specified value		
<b>Shelf Life</b>	After storage for 500 hours at 85°C, with no voltage applied and being stabilized at +20°C, Capacitor shall meet the limit specified in load life.							

## Diagram of dimensions

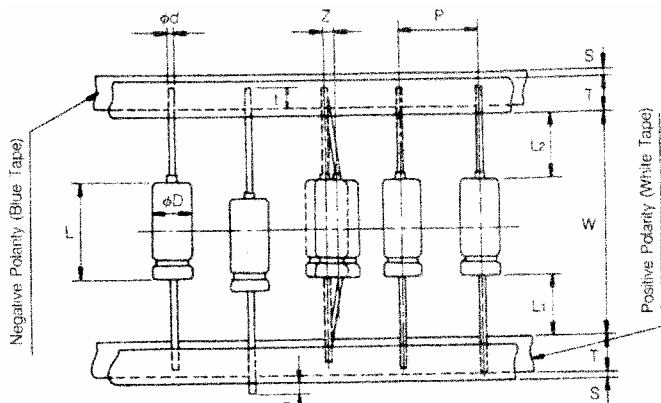


<b>D φ</b>	<b>6.3 ~ 13</b>	<b>16 ~ 25</b>
<b>d φ</b>	0.6	0.8

## Case Size of Standard Products & Maximum Ripple Current ( mA rms 85°C 120Hz)

uF	10V		16V		25V		35V		50V		63V		100V				
	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.	Size	R.C.			
0.47									→	6.3x12.5	11	6.3x12.5	12				
1	ALL BLANK VOLTAGE ON SLEEVE MARKING IS SAME VOLTAGE "→" POINT TO								→	6.3x12.5	17	6.3x12.5	22				
2.2											→	6.3x12.5	28	6.3x12.5	33		
3.3												→	6.3x12.5	35	6.3x12.5	40	
4.7												→	6.3x12.5	45	6.3x12.5	48	
10								→	6.3x12.5	65	6.3x12.5	70	8x16	72			
22								→	6.3x12.5	100	6.3x12.5	115	8x16	133			
33						→	6.3x12.5	105	8x16	125	8x16	140	10x17	190			
47				→	6.3x12.5	130	6.3x12.5	140	8x16	150	8x16	190	10x21	237			
100		→	6.3x12.5	185	8x16	190	8x16	230	8x16	250	10x21	300	13x21	377			
220		→	8x16	320	8x16	320	10x17	370	10x21	440	13x21	490	16x28	625			
330	8x16	330	8x16	360	10x17	420	10x21	470	13x21	520	13x26	680	16x33	793			
470	8x16	400	8x16	470	10x17	520	13x21	580	13x21	740	16x28	880	16x36	942			
1000	10x17	630	10x21	710	13x21	830	13x26	1100	16x33	1350	16x37	1550					
2200	13x21	970	13x26	1150	16x28	1300	16x33	1550	18x37	1700	18x37	2200					
3300	13x26	1250	16x28	1400	16x33	1650	18x37	1950	22x42	2200	22x42	2360					
4700	16x28	1500	16x33	1700	18x37	2050	22x37	2400	22x42	2500	25x42	2950					
6800	16x33	1850	18x37	2150	22x42	2550	25x42	2600									
10000	18x37	2350	22x42	2700	22x42	2800	25x42	2800									

## SPECIFICATION



## I PACKING

φ D	Packing Q'ty/Reel(pcs)
6.3	1000
8	800
10	500

## I DIMENSIONS

Description	Symbol	Tolerarance	Can size(ψDxL)					
			6.3x12	6.3x16	8x16	8x20	10x17	10x21
Body Dia.	φ D	max.	6.5	6.5	8.5	8.5	10.5	10.5
Body Length	L	max.	13	17	17	21	18	22
Lead Wire Dia.	ψd	±0.05	0.6	0.6	0.6	0.6	0.6	0.6
Tape Width	T	±1.0	6	6	6	6	6	6
Tape to tape Distance	W	±1.5	63	63	63	73	73	73
Length Protrusion	R	max.	0.5	0.5	0.5	0.5	0.5	0.5
Length of Lead-tape interface	+	min.	3.2	3.2	3.2	3.2	3.2	3.2
Adhesive Tape Margin	S	max.	0.8	0.8	0.8	0.8	0.8	0.8
Centering Declination Between Tapes	L <sub>1</sub> -L <sub>2</sub>	max.	1.0	1.0	1.0	1.0	1.0	1.0
Body Inclination	Z	max.	1.2	1.2	1.2	1.2	1.2	1.2
Body Pitch	P	±0.05	10	10	10	10	15	15

## LEAD FORMING & CUT

Configurations	Code	φ D	SHAPE
Forming & Cut (F-Type)	F	≦ φ 8	
Straight Cut (C-Type)	C	φ 4 ~ φ 18	