

# AXIAL ALUMINUM ELECTROLYTIC CAPACITOR

# CD95

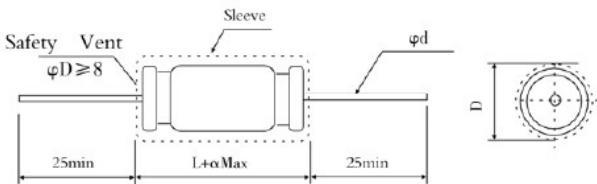
- Load life of 2000 hours at 85°C
- Axial type
- For general consumer electronic products application



## SPECIFICATIONS

Item	Characteristics																	
Operating Temperature Range(°C)	-40~+85																	
Rated Voltage Range (V)	6.3~160																	
Nominal capacitance range (uF)	0.47~10000																	
Capacitance Tolerance(20°C,120Hz)	± 20%																	
Leakage current ( μ A) (at 20 oC, after 2 minutes)	CV≤1000: I≤0.05CV or 5 whichever is greater; CV>1000: I≤0.03CV+20; C: Nominal capacitance ( μ F) V: Rated voltage (V)																	
Dissipation Factor(20°C,120Hz)	Rated Voltage (V)	6.3	10	16	25	35	50	63	100	160								
	D.F.	0.3~0.5	0.3~0.5	0.2~0.4	0.15~0.4	0.15~0.3	0.15~0.3	0.1~0.3	0.1~0.2	0.1~0.2								
Temperature Stability(120Hz)	Rated Voltage (V)	6.3		6.3~16		25~63		100~160										
	Impedance Ratio	Z-25°C/Z+20°C	-		-		-		4									
Load Life(+85°C)	Time	2000 hours.																
	Leakage Current	Not more than the specified value.																
	Capacitance Change	Within ± 20% of the initial value.																
	Dissipation Factor	Not more than 200% of the specified value.																
Shelf Life(+85°C)	Time	1000 hours.																
	Leakage Current	Not more than the specified value.																
	Capacitance Change	Within ± 20% of the initial value.																
	Dissipation Factor	Not more than 200% of the specified value.																
	After test: Rated voltage to be applied for 30 minutes, 24 to 48 hours before measurement.																	

## DIMENSIONS (mm)



## LEAD SPACING AND DIAMETER

D	± 0.5			± 1.0		
	5	6	8	10	12	16,19,22
D ± 0.1	0.5 or 0.6			0.6 or 0.8		0.8 or 1.0
a	± 2.0(L≤45); ± 3.0(L>45)					

## STANDARD RATINGS

WV	6.3	10	16	25	35	50	63	100	160
Cap (uF)	Size								
	ΦDxL(mm)								
0.47	-	-	-	5×12	-	5X12		5X12	6X16
1	-	-	-	5×12	-	5X12	5X12	5X12	6X16
1.5	-	-	-	5×12	-	5X12	5X12	5X12	6X16
2.2	-	-	-	5×12	-	5X12	5X12	5X12	6X16
3.3	-	-	-	5×12	-	5X12	5X12	6X12	8X16
4.7	-	-	-	5×12	5×12	5X12	5X12	6X12	8X16
6.8	-	-	-	5×12	5×12	5X12	6X12	8X16	10X16
10	-	-	5×12	5×12	5×12	5X16	6X12	8X16	10X16
15	-	5×12	5×12	5×12	6×12	6X16	6X16	10X16	10X20
22	-	5×12	5×12	5×12	6×12	6X16	6X16	10X16	12X25
33	5×12	5×12	5×12	6×12	6×16	8X16	8X16	10X16	12x25
47	5×12	5×12	5×12	6×16	8×16	8X16	8x20	10X25	12x30
68	5×12	6×16	6×12	6×16	8×20	10X16	10X16	12X25	16x35

100	6×12	6×16	6×16	8×16	8×20	10X16	10X20	12X25	16x35
150	6×16	8×16	8×16	10×16	10×16	10X25	12X25	16X35	19X40
220	6×16	8×16	8×20	10×16	10×20	10X25	12X25	16X35	19X40
330	8×16	8×20	10×16	10×20	10×25	12X30	12X30	19X35	
470	10×16	10×16	10×16	10×20	12×25	12X30	16X30	22X30	-
680	10×16	10×16	12×25	12×25	16×30	16X35	19X35	22X40	
1000	10×20	10×20	12×25	12×25	16×30	16X35	19X35	-	-
1500	12×25	12×25	12×30	16×30	19×30	19X40	22X40		
2200	12×25	12×25	12×30	19×35	22×40	22X40	22X50	-	-
3300	12×35	12×30	16×35	19×35	22×40	22X50	22X50		
4700	12×35	16×35	19×35	19×35	22×50	22X50	-	-	-
6800	19×35	16×35	22×35	22×40					
10000	19×35	19×40	22×35	22×50	-	-	-	-	-

The specific capacitance and case size are available on request.