SHANGHAI
JINPEI ELECTRONICS
CO. , LTD

AXIAL ALUMINUM ELECTROLYTIC CAPACITOR

CD95B

- Load life of 2000 hours at 85℃
- Axial type, Bi–polarized, Standard
- Used in polarity reverses and change circuits

SPECIFICATIONS

Item	Characteristics
Operating Temperature Range(℃)	–40~+85
Rated Voltage Range (V)	6.3~160
Nominal capacitance range (uF)	0.1~10000
Capacitance Tolerance(20℃,100Hz)	± 20%
Leakage Current (u A)	I<=0.03CV or 3 whichever is greater (at 20oC ,after 5 minutes) C: Nominal Capacitance (u F) V: Rated Voltage (V)

Dissipation Factor(20℃,120Hz)

Rated Voltage (v)	6.3	10	16	25	35	50	63	100	160
D.F.	0.24	0.24	0.20	0.20	0.16	0.14	0.12	0.10	0.15

Temperature Stability(120Hz)

Rated Voltage (V)		6.3	10	16	25	35	50	63	100	160
Impedance Ratio	Z–25℃/Z+20℃	4	3	2						4
	Z–40℃/Z+20℃	10	8	6	4	3				–

Load Life(+85℃)

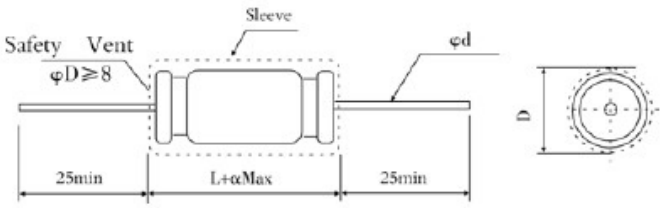
Time	2000 hours. (Polarity inverts for every 250 hours)
Leakage Current	Not more than the specified value.
Capacitance Change	within ± 20% of the initial value.
Dissipation Factor	Not more than 150% of the specified value.

Shelf Life(+85℃)

Time	500 hours.
Leakage Current	Not more than the specified value.
Capacitance Change	within ± 20% of the initial value.
Dissipation Factor	Not more than 150% 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

ΦD	± 0.5			± 1.0			
	5	6.3	8	10	12.5	16	18
Φd ± 0.1	0.5		0.6			0.8	
a	0~+2.0						

MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

Rated Voltage(V) \ Freq(Hz)	50,60	120	1K	10K	100K
6.3~16	0.80	1	1.1	1.2	1.2
25~35	0.80	1	1.5	1.7	1.7
50~160	0.80	1	1.6	1.9	1.9

Temperature coefficient

Temperature	+70	+85
Coefficient	1.35	1

RIPPLE CURRENT: 85℃,100HZ OR 120HZ;

The specific capacitance and case size are available on request.

STANDARD RATINGS

WV	6.3	10	16	25	35	50	63	100	160
Cap (uF)	Size	Size	Size	Size	Size	Size	Size	Size	Size
	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	ΦDxL(mm)	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.