CD26L SERIES

ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 2000 hours at 105℃
- Small size, Wide temperature, Low impedance

■ SPECIFICATIONS

Item	Characteristics	
Operating Temperature Range(℃)	-55~+105	-40~+105
Rated Voltage Range (V)	6.3~100	160~400
Nominal capacitance range (μF)	0.1~15000	0.47~220
Capacitance Tolerance(20℃,120Hz)	±20%	
Leakage current (μA)	I≤0.01CV or 3 whichever is greater. (at 20℃,after 2 minutes)	CV≤1000, I≤0.1CV+40; CV>1000, I≤0.04CV+100 (at 20℃,after 1 minutes)
	C: Nominal capacitance (μF) V: Rated voltage (V)	

Dissipation Factor(20℃,120Hz)

Rated Voltage (V)	6.3	10	16	25	35	50	63	100	160~250	350~400
tanδ	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08	0.15	0.20

when nominal capacitance is over 1000uF,tanδ shall be added 0.02 to the listed value with increase of every 1000μF

Temperature Stability(120Hz)

Rated Voltage (V)		6.3	10	16	25~100	160~250	350~400
Impedance Ratio	Z-25℃/Z+20℃	4	3	2		3	
	Z-55℃/Z+20℃	8	6	4	3	8	6

Load Life(+105℃)

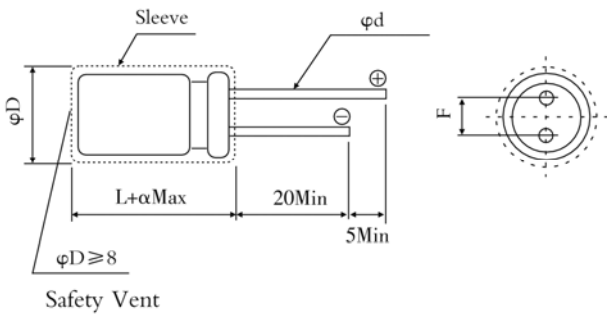
Time	2000 hours(φ5~φ8: 1000hrs).
Leakage Current	Not more than the specified value.
Capacitance Change	Within ±20% of the initial value.
Dissipation Factor	Not more than 200% of the specified value.

Shelf Life(+105℃)

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

ΦD	±0.5			±1.0			
	5	6.3	8	10	12.5	16	18
F±0.5	2	2.5	3.5	5		7.5	
Φd±0.1	0.5		0.6			0.8	
a	0~+2.0						

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■ STANDARD RATINGS

WV(V)	6.3		10		16		25		35		50		63		100	
Cap (μF)	Size ΦDxL (mm)	Ripple (mA)	Size ΦDxL (mm)	Ripple (mA)	Size ΦDxL (mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)
0.1	-	-	-	-	-	-	-	-	-	-	5x11	10	-	-	-	-
0.22	-	-	-	-	-	-	-	-	-	-	5x11	15	-	-	-	-
0.33	-	-	-	-	-	-	-	-	-	-	5x11	18	-	-	-	-
0.47	-	-	-	-	-	-	-	-	-	-	5x11	23	-	-	5x11	30
1	-	-	-	-	-	-	-	-	-	-	5x11	35	-	-	5x11	45
2.2	-	-	-	-	-	-	-	-	-	-	5x11	53	-	-	5x11	60
3.3	-	-	-	-	-	-	-	-	-	-	5x11	65	-	-	5x11	67
4.7	-	-	-	-	-	-	5x11	85	5x11	92	5x11	82	5x11	74	5x11	75
10	-	-	-	-	5x11	92	5x11	92	5x11	105	5x11	100	5x11	95	6.3x11	110
22	-	-	5x11	92	5x11	105	5x11	105	5x11	120	5x11	125	6.3x11	130	8x11.5	165
33	5x11	105	5x11	105	5x11	120	5x11	120	5x11	130	6.3x11	195	6.3x11	160	10x12.5	305
47	5x11	120	5x11	120	5x11	130	5x11	130	6.3x11	220	6.3x11	245	8x11.5	305	10x16	320
100	5x11	130	5x11	130	6.3x11	220	6.3x11	220	8x11.5	315	8x11.5	385	10x12.5	395	12.5x20	585
220	6.3x11	180	6.3x11	220	8x11.5	290	8x11.5	315	10x12.5	500	10x16	505	10x20	505	16x25	1120
330	6.3x11	220	8x11.5	265	8x11.5	315	10x12.5	500	10x16	618	10x20	675	12.5x20	660	16x25	1290
470	8x11.5	315	8x11.5	315	10x12.5	500	10x16	615	10x20	825	12.5x20	895	12.5x25	850	16x31.5	1350
1000	10x12.5	500	10x16	615	10x20	825	12.5x20	1050	12.5x25	1300	16x25	1495	16x31.5	1430	-	-
2200	12.5x20	1000	12.5x20	1050	12.5x25	1300	16x25	1740	16x31.5	2110	18x35.5	2190	-	-	-	-
3300	12.5x20	1050	12.5x25	1300	16x25	1740	16x31.5	2110	18x35.5	2580	-	-	-	-	-	-
4700	16x25	1670	16x25	1740	16x31.5	2110	18x35.5	2580	-	-	-	-	-	-	-	-
6800	16x25	1740	16x31.5	2110	18x35.5	2580	-	-	-	-	-	-	-	-	-	-
10000	16x31.5	2110	18x35.5	2580	-	-	-	-	-	-	-	-	-	-	-	-
15000	18x35.5	2580	-	-	-	-	-	-	-	-	-	-	-	-	-	-

WV (V)	160		200		250		315		350		400	
Cap (μF)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)	Size ΦDxL(mm)	Ripple (mA)
0.47	6.3x11	12	6.3x11	12	6.3x11	12	6.3x11	11	6.3x11	11	-	-
1	6.3x11	18	6.3x11	18	6.3x11	18	6.3x11	16	6.3x11	18	8x11.5	18
2.2	6.3x11	26	6.3x11	26	8x11.5	30	8x11.5	27	8X11.5	30	10x12.5	30
3.3	8x11.5	37	8x11.5	37	10x12.5	43	10x12.5	36	10X12.5	36	10x16	40
4.7	8x11.5	44	10x12.5	50	10x12.5	50	10x16	47	10X16	47	10x20	52
10	10x12.5	75	10x16	80	10x20	90	10x20	75	10X20	79	12.5x20	79
22	10x20	135	10x20	135	12.5x25	155	12.5x25	130	12.5X25	130	16x25	130
33	12.5x20	175	12.5x25	190	12.5x25	190	16x25	160	16X25	160	16x31.5	175
47	12.5x25	230	12.5x25	230	16x25	225	16x31.5	210	16X31.5	210	18x35.5	220
100	16x25	330	16x31.5	360	18x35.5	340	18x40	335	18X40	335	-	-
220	18x35.5	500	18x40	525	-	-	-	-	-	-	-	-

■ Ripple Current: 105℃,100Hz or 120Hz

The specific capacitance and case size are available on request.