

CD26H SERIES



ALUMINUM ELECTROLYTIC CAPACITORS



- Load life of 5000 hours at 105°C
- Wide temperature, Long life

■ SPECIFICATIONS

Item	Characteristics																															
Operating Temperature Range(°C)	-40~+105	-25~+105																														
Rated Voltage Range (V)	6.3~100	160~450																														
Nominal capacitance range (μF)	0.1~10000																															
Capacitance Tolerance(20°C,120Hz)	±20%																															
Leakage current (μA)	I≤0.01CV or 3 whichever is greater (at 20°C,after 2 minutes)	I≤0.02CV+15(at 20°C,after 2 minutes)																														
	C: Nominal Capacitance (μF) V: Rated Voltage (V)																															
Dissipation Factor(20°C,120Hz)	<table border="1"> <tr> <td>Rated voltage (v)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> <td>160~400</td> <td>450</td> </tr> <tr> <td>tanδ</td> <td>0.25</td> <td>0.20</td> <td>0.17</td> <td>0.15</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> <td>0.08</td> <td>0.20</td> <td>0.25</td> </tr> </table>										Rated voltage (v)	6.3	10	16	25	35	50	63	100	160~400	450	tanδ	0.25	0.20	0.17	0.15	0.12	0.10	0.10	0.08	0.20	0.25
	Rated voltage (v)	6.3	10	16	25	35	50	63	100	160~400	450																					
tanδ	0.25	0.20	0.17	0.15	0.12	0.10	0.10	0.08	0.20	0.25																						
When nominal capacitance is over 1000uF,tanδ shall be added 0.02 to the listed value with increase of every 1000 μF																																
Load Life(+105°C)	Time		5000 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(+105°C)	Time		500 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

■ MULTIPLIER FOR RIPPLE CURRENT

Lead spacing and diameter

φD	±0.5			±1.0				
	5	6.3	8	10	12.5	16	18	22
F±0.5	2.0	2.5	3.5	5.0		7.5		
φd±0.1	0.5		0.6			0.8		0.8
a	1.0			L<16:1.0 L≥16:2.0				

Temperature coefficient

Rated Voltage (V)	Temp (°C)		
	+70	+85	+105
6.3~100	2.0	1.7	1.0
160~450	1.8	1.4	1.0

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■ STANDARD RATINGS

WV(V)	6.3		10		16		25		35		50	
Cap(μF)	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)
0.1	-	-	-	-	-	-	-	-	-	-	5X11	3
0.22	-	-	-	-	-	-	-	-	-	-	5X11	4
0.33	-	-	-	-	-	-	-	-	-	-	5X11	5
0.47	-	-	-	-	-	-	-	-	-	-	5X11	6
1	-	-	-	-	-	-	-	-	-	-	5X11	9
2.2	-	-	-	-	-	-	-	-	-	-	5X11	11
3.3	-	-	-	-	-	-	-	-	-	-	5X11	15
4.7	-	-	-	-	-	-	-	-	-	-	5X11	18
10	-	-	-	-	5X11	20	5X11	25	5X11	25	5X11	25
22	-	-	-	-	5X11	30	5X11	35	5X11	35	6.3X11	40
33	-	-	-	-	5X11	40	5X11	40	6.3X11	50	6.3X11	60
47	-	-	5X11	45	5X11	50	6.3X11	50	6.3X11	65	8X11.5	70
100	5X11	60	6.3X11	80	6.3X11	80	6.3X11	90	8X11.5	110	8X20	120
220	6.3X11	100	8X11.5	110	8X11.5	140	8X16	150	8X20	190	10X25	240
330	8X11.5	120	8X11.5	160	8X16	180	8X20	220	10X20	260	12.5X20	320
470	8X16	170	8X16	190	8X20	250	10X20	290	12.5X20	350	12.5X25	430
1000	10X20	300	10X20	360	12.5X20	440	12.5X25	540	16X31.5	620	16X31.5	790
2200	12.5X20	580	12.5X25	620	16X31.5	400	16X35.5	880	16X35.5	1030	18X40	1230
3300	12.5X25	670	16X31.5	800	16X35.5	970	16X35.5	1120	18X40	1320	18X40	1440
4700	16X31.5	1000	16X31.5	1050	16X35.5	1240	18X40	1440	18X40	1540	22X40	1780
6800	16X31.5	1120	16X35.5	1300	18X35.5	1530	18X40	1630	22X40	1880	-	-
10000	16X40	1320	18X40	1620	18X40	1730	22X40	2000	-	-	-	-

WV(V)	63		100		160		200		250		350	
Cap(μF)	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)	ΦDxL(mm)	(mA)
0.1	-	-	5X11	3	-	-	-	-	-	-	-	-
0.22	-	-	5X11	4	-	-	-	-	-	-	-	-
0.33	-	-	5X11	5	-	-	-	-	-	-	-	-
0.47	-	-	5X11	6	5X11	8	6.3X11	6	6.3X11	6	-	-
1	-	-	5X11	9	5X11	12	6.3X11	9	6.3X11	9	8X11.5	12
2.2	-	-	5X11	15	6.3X11	15	6.3X11	15	8X11.5	15	10X12.5	18
3.3	-	-	5X11	18	8X11.5	20	8X11.5	20	10X12.5	20	10X16	23
4.7	5X11	20	5X11	20	8X11.5	25	10X12.5	30	10X12.5	30	10X16	35
10	5X11	30	6.3X11	35	10X12.5	40	10X16	45	10X20	45	12.5X20	50
22	6.3X11	50	8X11.5	65	10X20	70	10X20	70	12.5X25	80	12.5X25	80
33	8X11.5	60	10X12.5	95	12.5X20	110	12.5X25	110	12.5X25	110	16X31.5	140
47	8X11.5	90	10X16	120	12.5X25	140	12.5X25	140	16X25	140	18X35.5	360
100	10X20	150	12.5X20	220	16X25	240	16X31.5	250	18X35.5	260	-	-
220	12.5X20	270	16X25	420	18X35.5	430	-	-	-	-	-	-
330	12.5X25	380	16X25	510	-	-	-	-	-	-	-	-
470	12.5X35.5	500	16X31.5	680	-	-	-	-	-	-	-	-
1000	16X40	900	18X40	1230	-	-	-	-	-	-	-	-
2200	18X40	1310	-	-	-	-	-	-	-	-	-	-
3300	22X40	1730	-	-	-	-	-	-	-	-	-	-

WV(V)	400				450			
Cap(μF)	Size ΦDxL(mm)		Ripple(mA)		Size ΦDxL(mm)		Ripple(mA)	
1	10X16		15		10X20		18	
2.2	10X16		20		10X20		29	
3.3	10X16	10X20	25		10X20		41	
4.7	12.5X20	16X25	40		12.5X20		49	
10	10X20	12.5X20	70		12.5X25		75	
22	16X31.5		110		16X35.5		115	
33	18X35.5		180		18X40		145	

■ Ripple Current: 105°C, 100 or 120Hz

The specific capacitance and case size are available on request.