CD71H SERIES

ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 1000 hours at 105℃
- Bi-polarized, Wide temperature

■ SPECIFICATIONS

Item	Characteristics
Operating Temperature Range(℃)	-40~+105
Rated Voltage Range (V)	6.3~100
Nominal capacitance range (μF)	0.47~6800
Capacitance Tolerance(20℃,100Hz)	±20%
Leakage Current (μA)	I≤0.06CV or 10 whichever is greater. (at 20℃ ,after 2 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
tanδ	0.24	0.24	0.20	0.20	0.16	0.14	0.12	0.10

Temperature Stability(120Hz)

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

Load Life(+105℃)

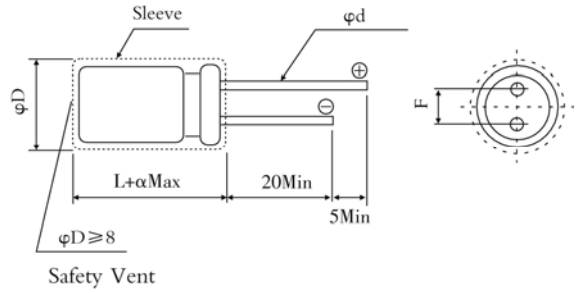
Time	1000 hours. (Polarity inverts for every 250 hours)
Leakage Current	Not more than the specified value.
Capacitance Change	Within ±20% of the initial value.
Dissipation Factor	Not more than 150% of the specified value.

Shelf Life(+105℃)

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
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)
0.47	-	-	-	-	-	-	-	-	-	-	5x11	7	-	-	5x11	8
1	-	-	-	-	-	-	-	-	-	-	5x11	10	-	-	5x11	12
2.2	-	-	-	-	-	-	-	-	-	-	5x11	15	-	-	5x11	20
3.3	-	-	-	-	-	-	-	-	-	-	5x11	18	5x11	20	6.3x11	25
4.7	-	-	-	-	-	-	-	-	5x11	21	5x11	22	6.3x11	24	6.3x11	30
10	-	-	-	-	5x11	27	5x11	27	5x11	30	6.3x11	37	6.3x11	40	8x11.5	50
22	-	-	5x11	37	5x11	40	6.3x11	46	6.3x11	51	8x11.5	63	8x11.5	68	10x16	97
33	5x11	45	5x11	45	5x11	49	6.3x11	56	8x11.5	72	8x11.5	77	10x12.5	98	12.5x20	140
47	5x11	54	5x11	54	6.3x11	67	6.3x11	67	8x11.5	86	10x12.5	105	10x16	130	12.5x20	170
100	6.3x11	90	6.3x11	90	8x11.5	110	8x11.5	110	10x12.5	160	10x20	190	12.5x20	225	16x25	300
220	8x11.5	150	8x11.5	150	10x12.5	195	10x16	215	10x20	290	12.5x25	340	16x25	405	18x35.5	510
330	8x11.5	185	10x16	240	10x16	265	12.5x20	320	12.5x25	350	16x25	460	16x31.5	535	-	-
470	10x12.5	260	10x16	290	10x20	345	12.5x20	380	16x25	465	16x31.5	590	18x35.5	680	-	-
1000	10x20	460	12.5x20	510	12.5x25	605	16x25	670	16x31.5	805	-	-	-	-	-	-
2200	12.5x25	820	16x25	910	16x31.5	1070	18x35.5	1140	-	-	-	-	-	-	-	-
3300	16x25	1110	16x31.5	1200	18x35.5	1400	-	-	-	-	-	-	-	-	-	-
4700	16x31.5	1430	18x35.5	1520	-	-	-	-	-	-	-	-	-	-	-	-
6800	18x35.5	1830	-	-	-	-	-	-	-	-	-	-	-	-	-	-

■ Ripple Current: 105℃,100Hz or 120Hz.

The specific capacitance and case size are available on request.