

# CD71C SERIES



## ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 1000 hours at 85°C
- Bi-polarized
- 7mm height, Low leakage current, High reliability



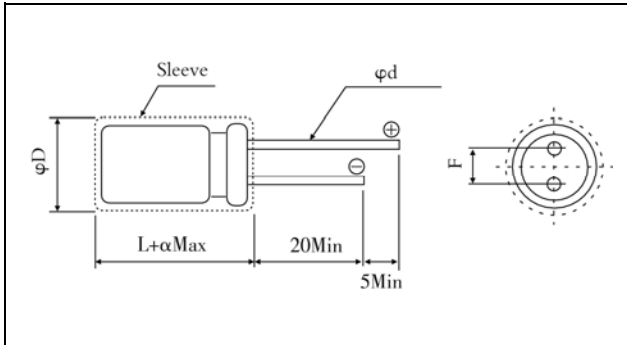
### SPECIFICATIONS

Item	Characteristics
Operating Temperature Range(°C)	-40~+85
Rated Voltage Range (V)	6.3~50
Nominal capacitance range (μF)	0.1~100
Capacitance Tolerance(20°C, 120Hz)	±20%
Leakage Current (μA)	$I \leq 0.03CV+3$ (at 20°C, after 5 minutes) C: Nominal Capacitance (μF), V: Rated Voltage (v)
Dissipation Factor(20°C, 120Hz)	Rated voltage (v)
	tanδ
Load Life(+85°C)	Time
	Leakage current
	Capacitance change
	Dissipation
Shelf Life(+85°C)	Time
	Leakage current
	Capacitance change
	Dissipation

### DIMENSIONS

### MM

### MULTIPLIER FOR RIPPLE CURRENT



#### Frequency coefficient

Freq(Hz)	50,60	120	500	1K	10K
Coefficient	0.8	1.0	1.2	1.3	1.5

#### Lead spacing and diameter

φD±0.5	4	5	6.3
F±0.5	1.5	2.0	2.5
φd±0.1	0.45		
a	0~+1.0		

### STANDARD RATINGS

WV(v)	6.3		10		16		25		35		50	
	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Size(mm)	Ripple	Ripple	Size(mm)	Ripple	Size(mm)	Ripple
Cap(μF)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)
0.1	-	-	-	-	-	-	-	-	-	-	4x7	1
0.22	-	-	-	-	-	-	-	-	-	-	4x7	2
0.33	-	-	-	-	-	-	-	-	-	-	4x7	3
0.47	-	-	-	-	-	-	-	-	-	-	4x7	5
1	-	-	-	-	-	-	-	-	-	-	4x7	10
2.2	-	-	-	-	-	-	-	-	4x7	13	4x7	19
3.3	-	-	-	-	-	-	4x7	15	5x7	19	5x7	26
4.7	-	-	-	-	4x7	18	5x7	18	5x7	22	6.3x7	32
10	-	-	4x7	23	5x7	25	6.3x7	35	6.3x7	37	-	-
22	5x7	32	5x7	35	6.3x7	45	6.3x7	50	-	-	-	-
33	5x7	40	6.3x7	45	6.3x7	60	-	-	-	-	-	-
47	6.3x7	56	6.3x7	65	-	-	-	-	-	-	-	-
100	6.3x7	86	-	-	-	-	-	-	-	-	-	-

- Ripple Current: 85°C, 100Hz or 120Hz.

The specific capacitance and case size are available on request.