

CD11CX SERIES



ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 1000 hours at 85°C
- 7mm L standard products
- VTR, video cameras, car radios, micro cassette tape recorder, etc.



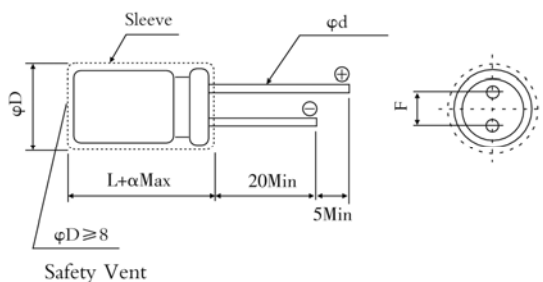
SPECIFICATIONS

Item	Characteristics																																
Operating Temperature Range(°C)	-40~+85																																
Rated Voltage Range (V)	4~100																																
Nominal capacitance range(μF)	0.1~470																																
Capacitance Tolerance(20°C, 120Hz)	±20%																																
Leakage Current (μA)	$I \leq 0.01CV$ or 3 whichever is greater. (at 20°C, after 2 minutes) C: Nominal Capacitance (μF), V: Rated Voltage (v)																																
Dissipation Factor(20°C,120Hz)	<table border="1"> <thead> <tr> <th>Rated voltage (v)</th> <th>4</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tanδ</td> <td>0.35</td> <td>0.24</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.08</td> <td>0.08</td> </tr> </tbody> </table>	Rated voltage (v)	4	6.3	10	16	25	35	50	63	100	tanδ	0.35	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.08												
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DIMENSIONS

MM

MULTIPLIER FOR RIPPLE CURRENT



Lead spacing and diameter

φD±0.5	4	5	6.3	8
F±0.5	1.5	2.0	2.5	3.5
φd±0.1	0.45			
a	0~+1.0			

Frequency coefficient

Rated voltage(v)	Freq(Hz)			
	50,60	120	1K	10K~100K
4~16	0.80	1	1.1	1.2
25~35	0.80	1	1.5	1.7
50~100	0.80	1	1.6	1.9

Temperature coefficient

Temperature(°C)	+70	+85
Coefficient	1.35	1.00

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■ STANDARD RATINGS

WV(v)	4		6.3		10		16		25		35		50		63		100	
Cap (μ F)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)	Size (mm)	Ripple (mA)
	ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL		ϕ DxL	
0.1	-	-	-	-	-	-	-	-	-	-	-	-	4x7	4	4x7	4	-	-
0.22	-	-	-	-	-	-	-	-	-	-	-	-	4x7	5	4x7	6	-	-
0.33	-	-	-	-	-	-	-	-	-	-	-	-	4x7	7	4x7	7	-	-
0.47	-	-	-	-	-	-	-	-	-	-	-	-	4x7	8	4x7	8	-	-
1	-	-	-	-	-	-	-	-	-	-	-	-	4x7	10	4x7	10	4x7	12
2.2	-	-	-	-	-	-	-	-	-	-	-	-	4x7	15	4x7	15	5x7	20
3.3	-	-	-	-	-	-	-	-	4x7	15	4x7	15	4x7	20	4x7	23	6.3x7	30
4.7	-	-	-	-	-	-	-	-	4x7	20	4x7	20	4x7	24	5x7	30	6.3x7	35
10	-	-	-	-	-	-	4x7	35	4x7	30	4x7	30	5x7	40	6.3x7	50	-	-
22	-	-	4x7	35	4x7	35	4x7	40	5x7	50	5x7	55	6.3x7	70	-	-	-	-
33	4x7	35	4x7	40	4x7	45	5x7	55	6.3x7	70	6.3x7	75	8x7	100	-	-	-	-
47	4x7	40	4x7	50	5x7	60	5x7	70	6.3x7	85	8x7	110	-	-	-	-	-	-
100	5x7	70	5x7	80	6.3x7	108	6.3x7	120	8x7	145	-	-	-	-	-	-	-	-
220	6.3x7	120	6.3x7	140	8x7	185	8x7	205	-	-	-	-	-	-	-	-	-	-
330	8x7	170	8x7	205	-	-	-	-	-	-	-	-	-	-	-	-	-	-
470	8x7	197	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

■ Ripple Current: 85°C, 100Hz or 120Hz

The specific capacitance and case size are available on request.