

CD11CH SERIES



ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 2000 hours at 105°C
- 7mm Height



■ SPECIFICATIONS

Item	Characteristics																				
Operating Temperature Range(°C)	-55~+105																				
Rated Voltage Range (V)	6.3~63																				
Nominal capacitance range (μF)	0.1~220																				
Capacitance Tolerance(20°C, 120Hz)	±20%																				
Leakage Current (μA)	$I \leq 0.01CV$ or $3\mu A$ 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"> <tr> <td>Rated voltage (v)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>16</td> <td>25</td> <td>35</td> <td>50~63</td> </tr> <tr> <td>tanδ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> </tr> </table>	Rated voltage (v)	6.3	10	16	16	25	35	50~63	tanδ	0.22	0.19	0.16	0.14	0.14	0.12	0.10				
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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	0.45	0.45	0.5
a	0~+1.0			

Frequency coefficient

Rated voltage(v)	Freq(Hz)			
	50,60	120	1K	10K~100K
6.3~16	0.68	0.72	0.92	1.0
25~35	0.48	0.63	0.80	1.0
50~63	0.45	0.50	0.70	1.0

Temperature coefficient

Temperature(°C)	+85	+105
Coefficient	1.35	1.00

■ STANDARD RATINGS

WV(V)	6.3		10		16		25		35		50		63	
Cap(μF)	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Ripple	Size(mm)	Ripple
	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)	φDxL	(mA)
0.1	-	-	-	-	-	-	-	-	-	-	4x7	6	4x7	8
0.22	-	-	-	-	-	-	-	-	-	-	4x7	8	4x7	10
0.33	-	-	-	-	-	-	-	-	-	-	4x7	10	4x7	13
0.47	-	-	-	-	-	-	-	-	-	-	4x7	12	4x7	16
1	-	-	-	-	-	-	-	-	-	-	4x7	16	4x7	18
2.2	-	-	-	-	-	-	-	-	-	-	4x7	25	4x7	19
3.3	-	-	-	-	-	-	4x7	21	4x7	23	4x7	28	4x7	29
4.7	-	-	-	-	-	-	4x7	25	4x7	25	5x7	48	5x7	52
10	-	-	-	-	4x7	39	5x7	47	5x7	48	6.3x7	75	6.3x7	80
22	4x7	42	5x7	49	5x7	54	6.3x7	87	6.3x7	90	8X7	80	-	-
33	5x7	52	5x7	60	6.3x7	83	6.3x7	90	-	-	-	-	-	-
47	5x7	64	6.3x7	95	6.3x7	95	-	-	-	-	-	-	-	-
100	6.3x7	96	-	-	-	-	-	-	-	-	-	-	-	-
220	8X7	98	-	-	-	-	-	-	-	-	-	-	-	-

■ Ripple Current: 105°C,100KHz

The specific capacitance and case size are available on request.