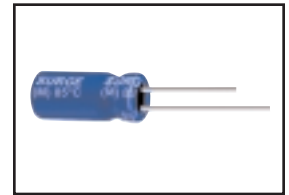




ALUMINUM ELECTROLYTIC CAPACITORS
LOW LEAKAGE, REDUCED SIZE

FEATURES

- 85 °C, 7MM HEIGHT, LOW LEAKAGE CURRENT

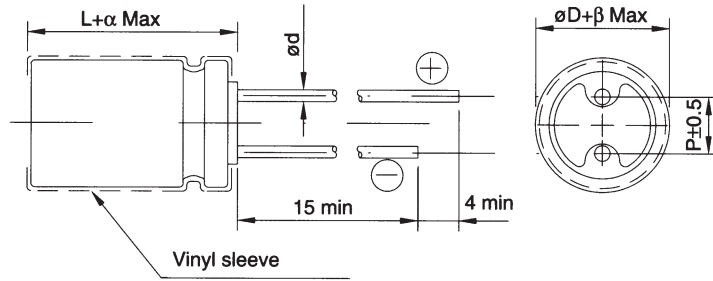


SPECIFICATIONS

Items	Performance																												
	SL	SL																											
Life	At 85°C 1000 Hrs	At 85°C 2000 Hrs																											
Operating Temperature Range	-40°C~+85°C																												
Capacitance Tolerance	±20% (at 120Hz, 20°C)																												
Leakage Current (at 20 °C)	I = 0.002CV or 0.4(µA) (whichever is greater after 2 minutes) Where, C = rated capacitance in µF. V = rated DC working voltage in V.																												
Dissipation Factor (Tan δ at 120 Hz, 20 °C)	<table border="1"> <tr> <td>Rated Voltage</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Tan δ (max)</td> <td>0.35</td> <td>0.23</td> <td>0.21</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table>		Rated Voltage	4	6.3	10	16	25	35	50	63	Tan δ (max)	0.35	0.23	0.21	0.16	0.14	0.12	0.10	0.10									
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Low Temperature Characteristics (at 120 Hz)	Impedance ratio shall not exceed the values given in the table below. <table border="1"> <tr> <td>Rated Voltage</td> <td>4</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Impedance Z(-25°C)/Z(+20°C)</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Ratio Z(-40°C)/Z(+20°C)</td> <td>12</td> <td>8</td> <td>6</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>		Rated Voltage	4	6.3	10	16	25	35	50	63	Impedance Z(-25°C)/Z(+20°C)	6	4	3	3	2	2	2	2	Ratio Z(-40°C)/Z(+20°C)	12	8	6	6	4	3	3	3
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Load Life Test	<table border="1"> <tr> <td>Test Time</td> <td>1000 / 2000 Hrs</td> </tr> <tr> <td>Capacitance Change</td> <td>≤ ± 20%</td> </tr> <tr> <td>Dissipation Factor</td> <td>Less than 200% of specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Within specified value</td> </tr> </table> <p>*The above specifications shall be satisfied when the capacitors are restored to 20 °C after the rated voltage applied for 1000/2000 hrs at 85°C.</p>		Test Time	1000 / 2000 Hrs	Capacitance Change	≤ ± 20%	Dissipation Factor	Less than 200% of specified value	Leakage Current	Within specified value																			
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Standards	Satisfies Characteristic W of JIS C 5141																												



DIAGRAM OF DIMENSIONS



Unit: mm
LEAD SPACING AND DIAMETER

øD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ø d	0.45	0.5		
α	1.0			
β	0.5			

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: ø D x L(mm)
Ripple Current: mA/rms at 120 Hz, 85 °C

VDC	μF	code	4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		63V (1J)	
			ø D x L	mA	ø D x L	mA	ø D x L	mA	ø D x L	mA	ø D x L	mA	ø D x L	mA	ø D x L	mA	ø D x L	mA
0.1	0R1														4 x 7	3	4 x 7	3
0.22	R22														4 x 7	5	4 x 7	5
0.33	R33														4 x 7	6	4 x 7	6
0.47	R47														4 x 7	7	4 x 7	7
1	010														4 x 7	10	4 x 7	10
2.2	2R2														4 x 7	16	5 x 7	19
3.3	3R3												4 x 7	18	4 x 7	20	6.3 x 7	29
4.7	4R7									4 x 7	19	5 x 7	21	5 x 7	24	6.3 x 7	36	
10	100							4 x 7	27	5 x 7	29	6.3 x 7	36	6.3 x 7	40			
22	220					4 x 7	36	4 x 7	40	6.3 x 7	47	6.3 x 7	53					
33	330	4 x 7	33	4 x 7	41	5 x 7	44	5 x 7	55	6.3 x 7	63	8 x 7	71					
47	470	4 x 7	39	5 x 7	49	6.3 x 7	54	6.3 x 7	62	8 x 7	74							
100	101	6.3 x 7	59	6.3 x 7	75	8 x 7	90	8 x 7	110									