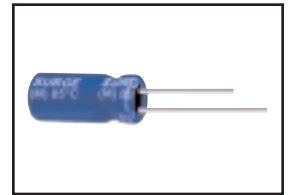




ALUMINUM ELECTROLYTIC CAPACITORS

FEATURES

- 105°C, WIDE TEMPERATURE
- MICRO MINIATURE SIZE WITH 5mm HEIGHT

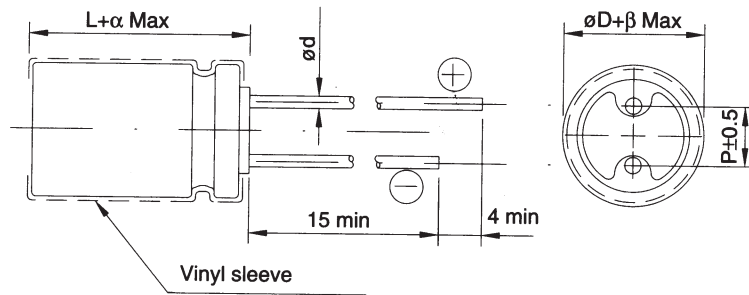


SPECIFICATIONS

Items	Performance																								
Operating Temperature Range	-40°C~+105°C																								
Capacitance Tolerance	±20% (at 120Hz, 20°C)																								
Leakage Current (at 20 °C)	I = 0.01CV or 3(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> </tr> <tr> <td>Tan δ (max)</td> <td>0.35</td> <td>0.25</td> <td>0.20</td> <td>0.17</td> <td>0.15</td> <td>0.13</td> <td>0.10</td> </tr> </table>	Rated Voltage	4	6.3	10	16	25	35	50	Tan δ (max)	0.35	0.25	0.20	0.17	0.15	0.13	0.10								
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Low Temperature Characteristics (at 120 Hz)	<p>Impedance ratio shall not exceed the values given in the table below.</p> <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> </tr> <tr> <td>Impedance Z(-25°C)/Z(+20°C)</td> <td>7</td> <td>6</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Ratio Z(-40°C)/Z(+20°C)</td> <td>15</td> <td>12</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>4</td> </tr> </table>	Rated Voltage	4	6.3	10	16	25	35	50	Impedance Z(-25°C)/Z(+20°C)	7	6	4	3	2	2	2	Ratio Z(-40°C)/Z(+20°C)	15	12	8	6	4	4	4
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Standards	Satisfies Characteristic W of JIS C 5141																								



DIAGRAM OF DIMENSIONS



Unit: mm

LEAD SPACING AND DIAMETER

øD	3	4	5	6.3
P	1.0	1.5	2.0	2.5
ø d	0.4	0.45		
α	1.0			
β	0.5			

DIMENSION & PERMISSIBLE RIPPLE CURRENT

Dimension: ø D x L(mm)
Ripple Current: mA/rms at 120 Hz, 105 °C

µF	code	4V (0G)		6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)	
		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 5	1
0.22	R22													4 x 5	2
0.33	R33													4 x 5	2.8
0.47	R47													4 x 5	4
1	010													4 x 5	7
2.2	2R2											4 x 5	8.7	4 x 5	10
3.3	3R3									4 x 5	11	4 x 5	12	4 x 5	13
4.7	4R7							4 x 5	14	4 x 5	15	4 x 5	17	5 x 5	20
10	100					4 x 5	14	4 x 5	23	5 x 5	27	5 x 5	27	6.3 x 5	31
22	220			4 x 5	21	5 x 5	27	5 x 5	30	6.3 x 5	42	6.3 x 5	46	6.3 x 5	46
33	330	4 x 5	27	5 x 5	30	5 x 5	34	6.3 x 5	40	6.3 x 5	52	6.3 x 5	52		
47	470	4 x 5	34	5 x 5	36	6.3 x 5	43	6.3 x 5	48	6.3 x 5	58				
100	101	5 x 5	50	6.3 x 5	56	6.3 x 5	70								
220	221	6.3 x 5	74												