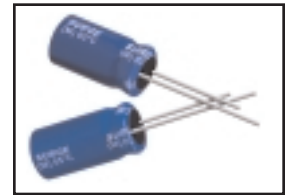




**ALUMINUM ELECTROLYTIC CAPACITORS
LOW LEAKAGE CURRENT TYPE**

FEATURES

- DEVELOPED FOR USE WHERE LOW LEAKAGE CURRENT IS ESSENTIAL
- LEAKAGE CURRENT REMAINS VERY LOW EVEN AFTER PROLONGED STORAGE

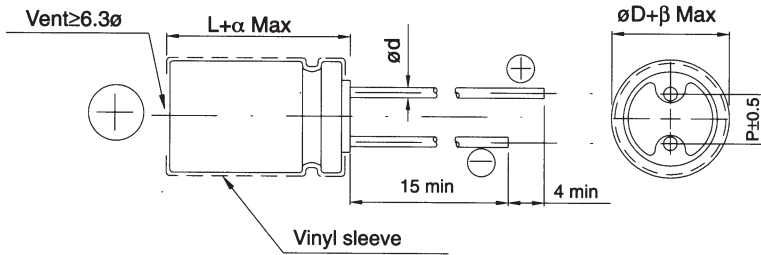


SPECIFICATIONS

Items	Performance																												
	SRL	SRLA																											
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>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>Tan δ (max)</td> <td>0.24</td> <td>0.21</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> </tr> </table> <p>When the capacitance exceeds 1000µF, 0.02 shall be added every 1000 µF increase.</p>		Rated Voltage	6.3	10	16	25	35	50	63	100	Tan δ (max)	0.24	0.21	0.16	0.14	0.12	0.10	0.09	0.08									
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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>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>Impedance Z(-25°C)/Z(+20°C)</td> <td>5</td> <td>4</td> <td>2</td> <td>2</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>10</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>		Rated Voltage	6.3	10	16	25	35	50	63	100	Impedance Z(-25°C)/Z(+20°C)	5	4	2	2	2	2	2	2	Ratio Z(-40°C)/Z(+20°C)	10	8	6	4	4	3	3	3
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Standards	Satisfies Characteristic W of JIS C 5141																												



DIAGRAM OF DIMENSIONS



Unit: mm

LEAD SPACING AND DIAMETER

øD	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
ø d	0.5			0.6		0.8	
α	1.0			1.5			
β	0.5						

DIMENSION & PERMISSIBLE RIPPLE CURRENT

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

VDC	code	6.3V (0J)		10V (1A)		16V (1C)		25V (1E)		35V (1V)		50V (1H)		63V (1J)		100V (2A)	
		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											5 x 11	1.3			5 x 11	2.6
0.22	R22											5 x 11	2.9			5 x 11	5.8
0.33	R33											5 x 11	4.4			5 x 11	8.8
0.47	R47											5 x 11	7			5 x 11	12
1	010											5 x 11	13			5 x 11	22
2.2	2R2											5 x 11	29			5 x 11	33
3.3	3R3											5 x 11	35			5 x 11	40
4.7	4R7							5 x 11	31	5 x 11	40	5 x 11	42	5 x 11	45	5 x 11	48
10	100					5 x 11	44	5 x 11	54	5 x 11	58	5 x 11	65	5 x 11	70	6.3 x 11.5	80
22	220			5 x 11	59	5 x 11	75	5 x 11	80	5 x 11	87	5 x 11	95	6.3 x 11	115	8 x 11	135
33	330	5 x 11	55	5 x 11	84	5 x 11	90	5 x 11	97	5 x 11	105	6.3 x 11	125	6.3 x 11	140	10 x 12.5	195
47	470	5 x 11	79	5 x 11	100	5 x 11	110	5 x 11	115	6.3 x 11	145	6.3 x 11	150	8 x 11.5	190	10 x 16	255
100	101	5 x 11	130	5 x 11	145	6.3 x 11	180	6.3 x 11	190	8 x 11.5	240	8 x 11.5	255	10 x 12.5	320	13 x 20	450
220	221	6.3 x 11	230	6.3 x 11	250	8 x 11.5	300	8 x 11.5	320	10 x 12.5	420	10 x 16	490	10 x 20	565	16 x 25	810
330	331	6.3 x 11	280	8 x 11.5	350	8 x 11.5	370	10 x 12.5	470	10 x 16	570	10 x 20	650	13 x 20	765	16 x 25	990
470	471	8 x 11.5	380	8 x 11.5	415	10 x 12.5	520	10 x 16	620	10 x 20	740	13 x 20	860	13 x 25	990	16 x 31.5	1250
1000	102	10 x 12.5	650	10 x 16	790	10 x 20	910	13 x 20	1090	13 x 25	1300	16 x 25	1530	16 x 31.5	1700		
2200	222	13 x 20	1150	13 x 20	1240	13 x 25	1420	16 x 25	1660	16 x 31.5	1890	18 x 35.5	2160				
3300	332	13 x 20	1380	13 x 25	1590	16 x 25	1840	16 x 31.5	2070	18 x 35.5	2340						
4700	472	16 x 25	1880	16 x 25	1980	16 x 31.5	2260	18 x 35.5	2520	18 x 40	2690						