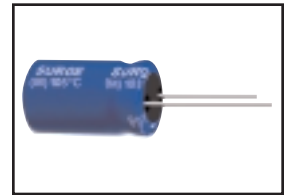




ALUMINUM ELECTROLYTIC CAPACITORS

FEATURES

- 105 °C, WIDE TEMPERATURE
- SUITABLE FOR HIGH RELIABILITY PRODUCTS
- LOW IMPEDANCE

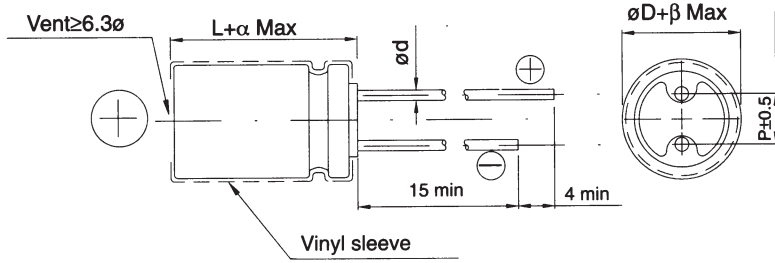


SPECIFICATIONS

Items	Performance																																											
	SRJ	SRJA																																										
Life	At 105°C 1000 Hrs	At 105°C 2000 Hrs																																										
Operating Temperature Range	-55°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"> <thead> <tr> <th>Rated Voltage</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> </tr> </thead> <tbody> <tr> <td>Tan δ (max)</td> <td>0.23</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </tbody> </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	Tan δ (max)	0.23	0.20	0.16	0.14	0.12	0.10	0.09																										
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DIAGRAM OF DIMENSIONS



Unit: mm

LEAD SPACING AND DIAMETER

φ D	5	6.3	8	10	13	16	18	22
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10
φ d	0.5			0.6		0.8		1.0
α	1.0				1.5			
β	0.5							

DIMENSION & PERMISSIBLE RIPPLE CURRENT

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

μF	code	6.3V(0J)			10V(1A)			16V(1C)			25V(1E)						
		φ D X L	mA * φ D X L	mA	φ D X L	mA * φ D X L	mA	φ D X L	mA * φ D X L	mA	φ D X L	mA * φ D X L	mA				
10	100							5 x 11	36			5 x 11	40				
22	220							5 x 11	58			5 x 11	68				
33	330							5 x 11	76			5 x 11	78				
47	470				5 x 11	76		5 x 11	90			5 x 11	97				
100	101	5 x 11	103		5 x 11	111		6.3 x 11	133	5 x 11	110	6.3 x 11	142				
220	221	6.3 x 11	160	5 x 11	140	6.3 x 11	175	5 x 11	150	8 x 11.5	215	6.3 x 11	180	8 x 11.5	236		
330	331	8 x 11.5	219	6.3 x 11	190	8 x 11.5	245	6.3 x 11	200	8 x 11.5	260		10 x 12.5	335	8 x 11.5	330	
470	471	8 x 11.5	261	6.3 x 11	230	8 x 11.5	290	6.3 x 11	250	10 x 12.5	370	8 x 11.5	310	10 x 16	440	10 x 12.5	380
1000	102	10 x 12.5	455	8 x 11.5	380	10 x 16	550	10 x 12.5	460	10 x 20	640	10 x 16	560	13 x 20	770	10 x 20	680
2200	222	10 x 20	750			13 x 20	860	10 x 20	760	13 x 25	1000	13 x 20	920	16 x 25	1170	13 x 25	1090
3300	332	13 x 20	920	10 x 20	840	13 x 20	1100			16 x 25	1300	13 x 25	1170	16 x 31.5	1460	16 x 25	1400
4700	472	16 x 25	1330	13 x 20	1090	16 x 25	1400	13 x 25	1260	16 x 31.5	1600	16 x 25	1480	18 x 35.5	1780	16 x 31.5	1710

μF	code	35V(1V)			50V(1H)			63V(1J)							
		φ D X L	mA * φ D X L	mA	φ D X L	mA * φ D X L	mA	φ D X L	mA * φ D X L	mA					
0.1	0R1				5 x 11	1.3		5 x 11	2.1						
0.22	R22				5 x 11	2.9		5 x 11	3.2						
0.33	R33				5 x 11	4.3		5 x 11	5.4						
0.47	R47				5 x 11	7.1		5 x 11	7.1						
1	010				5 x 11	13		5 x 11	15						
2.2	2R2				5 x 11	20		5 x 11	26						
3.3	3R3				5 x 11	30		5 x 11	31						
4.7	4R7				5 x 11	33		5 x 11	36						
10	100	5 x 11	45		5 x 11	50		5 x 11	54						
22	220	5 x 11	71		5 x 11	78		6.3 x 11	96						
33	330	6.3 x 11	90	5 x 11	85	6.3 x 11	96	5 x 11	90	8 x 11.5	141	6.3 x 11	100		
47	470	6.3 x 11	105	5 x 11	90	8 x 11.5	130	6.3 x 11	117	8 x 11.5	151	6.3 x 11	129		
100	101	8 x 11.5	170	6.3 x 11	150	8 x 11.5	188			10 x 12.5	235				
220	221	10 x 12.5	300	8 x 11.5	270	10 x 20	355	10 x 16	335	10 x 20	400	10 x 16	360		
330	331	10 x 16	400	10 x 12.5	350	10 x 20	460	10 x 16	410	13 x 20	520	10 x 20	490		
470	471	10 x 20	520	10 x 16	460	13 x 20	610	10 x 20	530	13 x 25	720	13 x 20	665		
1000	102	13 x 25	920	13 x 20	830	16 x 25	1080	13 x 25	980	16 x 31.5	1260	16 x 25	1190		
2200	222	16 x 31.5	1340	16 x 25	1260	18 x 35.5	1530	16 x 35.5	1470						
3300	332	18 x 35.5	1650	16 x 35.5	1610	22 x 40	1707	18 x 35.5	1650						
4700	472	18 x 40	1900	18 x 35.5	1875										

Case size in mark of "*" is smaller.