

ALUMINUM ELECTROLYTIC CAPACITORS

FEATURES

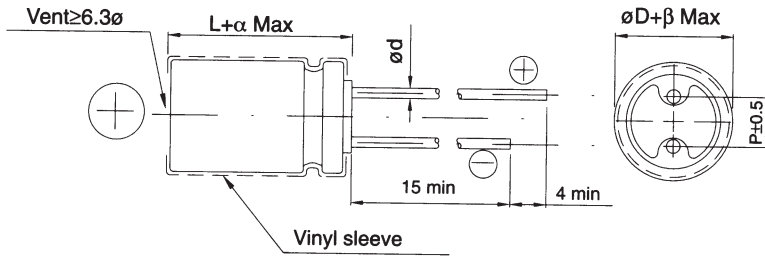
- 85 °C, 2000 HOURS ASSURED, EXCELLENT HIGH FREQUENCY RESPONSE CHARACTERISTICS
- DESIGNED SPECIFICALLY FOR CROSSOVER NETWORK IN HI-FI SOUND SYSTEMS
- SUITABLE FOR IMPROVING AUDIO TONE AND SPEAKER NETWORKS

SPECIFICATIONS

Items	Performance																
	SRBS	SRB	SRBL														
Operating Temperature Range	-40°C~+85°C																
Rated Voltage	50V, DC																
Capacitance Tolerance	±20% (at 1K Hz, 20°C)																
Leakage Current (at 20 °C)	I = 0.03CV 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 1K Hz, 20 °C)	<table border="1"> <thead> <tr> <th>Series \ Cap (µF)</th> <th>SRBS</th> <th>SRB</th> <th>SRBL</th> </tr> </thead> <tbody> <tr> <td>0.47~1.5</td> <td>0.15</td> <td>0.12</td> <td rowspan="3">0.06</td> </tr> <tr> <td>2.2~10</td> <td>0.12</td> <td>0.10</td> </tr> <tr> <td>15 up above</td> <td>0.09</td> <td>0.08</td> </tr> </tbody> </table>			Series \ Cap (µF)	SRBS	SRB	SRBL	0.47~1.5	0.15	0.12	0.06	2.2~10	0.12	0.10	15 up above	0.09	0.08
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Standards	Satisfies Characteristic W of JIS C 5141																



DIAGRAM OF DIMENSIONS



Unit: mm

LEAD SPACING AND DIAMETER

øD	6.3	8	10	13	16	18	22
P	2.5	3.5	5.0	5.0	7.5	7.5	10
ø d	0.5		0.6		0.8		1.0
α	1.0		1.5				
β	0.5						

DIMENSION & PERMISSIBLE RIPPLE CURRENT
Dimension: ø D x L(mm)
Ripple Current: mA/rms at 1K Hz, 85 °C

Series	V.DC	SRBS		SRB		SRBL	
		50V (1H)		50V (1H)		50V (1H)	
		ø D x L	mA	ø D x L	mA	ø D x L	mA
0.47	R47	6.3 x 11	50	6.3 x 11	55		
0.56	R56	6.3 x 11	50	6.3 x 11	55		
0.68	R68	6.3 x 11	55	6.3 x 11	60		
0.82	R82	6.3 x 11	60	6.3 x 11	65		
1	010	6.3 x 11	70	8 x 11.5	85	10 x 20	125
1.5	1R5	6.3 x 11	85	8 x 11.5	105	10 x 20	160
2.2	2R2	8 x 11.5	120	10 x 12.5	150	13 x 20	220
3.3	3R3	8 x 11.5	150	10 x 16	200	16 x 25	335
4.7	4R7	10 x 12.5	205	10 x 20	265	16 x 25	400
6.8	6R8	10 x 16	270	13 x 20	365	16 x 31.5	535
8.2	8R2	10 x 16	300	13 x 20	405	18 x 35.5	660
10	100	10 x 16	330	13 x 25	490	22 x 40	880
15	150	10 x 16	405	13 x 25	600	22 x 40	1070
22	220	13 x 25	690	16 x 25	820	22 x 50	1410
33	330	16 x 31.5	1055	16 x 31.5	1110		
47	470	16 x 31.5	1255	18 x 35.5	1490		
68	680	18 x 35.5	1700	22 x 40	2160		