

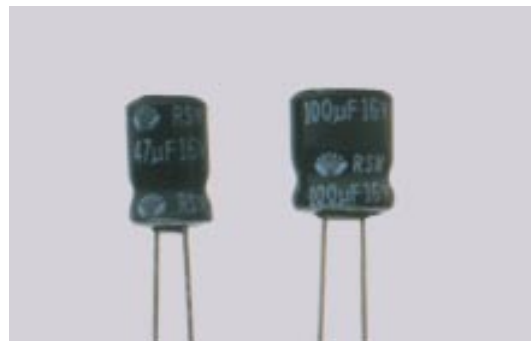
RSM SERIES

ALUMINUM ELECTROLYTIC CAPACITORS

7mm Height Standard, Radial Leads

Features

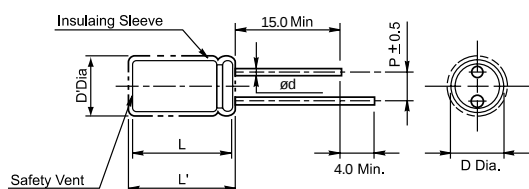
- Lengths are all 7mm
- VTR, video camera, car radio, micro cassette tape recorder etc.
- Load life of 1000 hours at 85°C



Specifications

Item	Performance Characteristics						
Operating temperature range	-40℃ ~ +85℃						
Rated working voltage range	6.3V ~ 50V						
Nominal capacitance range	0.1μF ~ 100μF, - 20% (at 20℃, 120Hz)						
D.C Leakage current(at 20°C)	The following specifications shall be satisfied when the rated voltage is applied for the required time. 1 + 0.01CV or 3μA(2 min), whichever is greater Where 1 =Leakage current (μA) C=Nominal capacitance(μF) V=Rated voltage(V)						
Tan δ(max., at 20°C, 120Hz)	W.V(V)	6.3	10	16	25	35	50
	Tanδ	0.24	0.20	0.17	0.15	0.12	0.10
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	6.3	10	16	25	35	50
	Z-25℃/Z20℃	4	3	2	2	2	2
	Z-40℃/Z20℃	8	6	4	4	4	4
Load life	After applying rated working voltage for 1000 hours at +85℃ and then being stabilized at +20℃, capacitors shall meet following limits.						
	Capacitance change		Within - 25% of initial measured value				
	Tanδ		↑ 200% of initial specified value				
	Leakage current		↑ Initial specified value				
Shelf life	After storage for 1000 hours at +85℃ with no voltage applied and then being stabilized at +20℃, capacitors shall meet following limits.						
	Capacitance change		Within - 20% of initial measured value				
	Tanδ		↑ 150% of initial specified value				
	Leakage current		↑ 200% of initial specified value				

Case sizes and Dimensions



• Standard lead style

øD	4.0	5.0	6.3
P	1.5	2.0	2.5
ød	0.45		

 $D = [D+0.5] \text{ Max.}$
 $L = [L+1.0] \text{ Max.}$

Dimensions & Maximum permissible ripple current [mA(rms) at 85°C, 120Hz]

W.V		6.3		10		16		25		35		50	
Cap(µF)		SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r
0.1												4x7	2
0.22												4x7	3
0.33												4x7	5
0.47												4x7	7
1.0												4x7	1
2.2												4x7	0
3.3												4x7	2
4.7								4x7	20	4x7	25	5x7	0
6.8						4x7	25	4x7	30	5x7	35	5x7	2
10						4x7	35	5x7	40	5x7	45	5x7	5
22	4x7	3		5x7	40	5x7	45	5x7	55	6.3x7	60		3
33		5		5x7	50	5x7	65	6.3x7	70				0
47	5x7	4		5x7	75	5x7	80	6.3x7	95				
100		5		6.3x7		6.3x7							