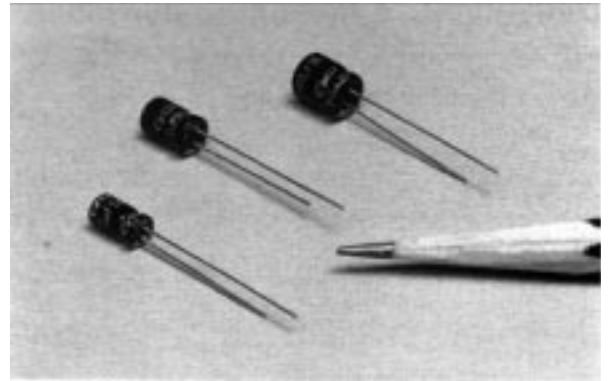


RSM SERIES

ALUMINUM ELECTROLYTIC CAPACITORS 7mm Height Standard, Radial Leads

■ Features

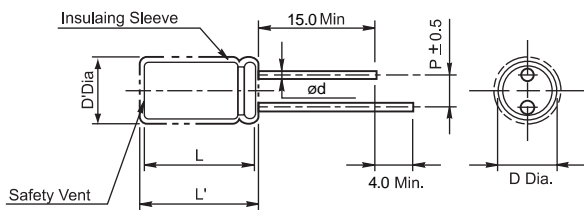
- Lengths are all 7mm
- VTR, video camera, car radio, micro cassette tape recorder etc.
- Load life of 1000 hours at 85°C



■ Specifications

Item	Performance Characteristics						
Operating temperature range	-40°C ~ +85°C						
Rated working voltage range	6.3V ~ 50V						
Nominal capacitance range	0.1μF ~ 100μF, ± 20% (at 20°C, 120Hz)						
D.C Leakage current(at 20°C)	The following specifications shall be satisfied when the rated voltage is applied for the required time. $I \leq 0.01CV$ or $3\mu A(2 \text{ min})$, whichever is greater Where I =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
	Tan δ	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°C/Z20°C	4	3	2	2	2	2
	Z-40°C/Z20°C	8	6	4	4	4	4
Load life	After applying rated working voltage for 1000 hours at +85°C and then being stabilized at +20°C, capacitors shall meet following limits.						
	Capacitance change	Within ± 25% of initial measured value					
	Tan δ	≤ 200% of initial specified value					
Shelf life	After storage for 1000 hours at +85°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.						
	Capacitance change	Within ± 20% of initial measured value					
	Tan δ	≤ 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]

øD x L(mm)

W.V	6.3		10		16		25		35		50	
	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r	SIZE	I _r
Cap(μF)												
0.1											4x7	2
0.22											4x7	3
0.33											4x7	5
0.47											4x7	7
1.0											4x7	10
2.2											4x7	20
3.3											4x7	25
4.7							4x7	20	4x7	25	5x7	30
6.8					4x7	25	4x7	30	5x7	35	5x7	40
10					4x7	35	5x7	40	5x7	45	5x7	50
22	4x7	35	5x7	40	5x7	45	5x7	55	6.3x7	60		
33	5x7	45	5x7	50	5x7	65	6.3x7	70				
47	5x7	60	5x7	75	5x7	80	6.3x7	95				
100	6.3x7	90	6.3x7	110	6.3x7	125						