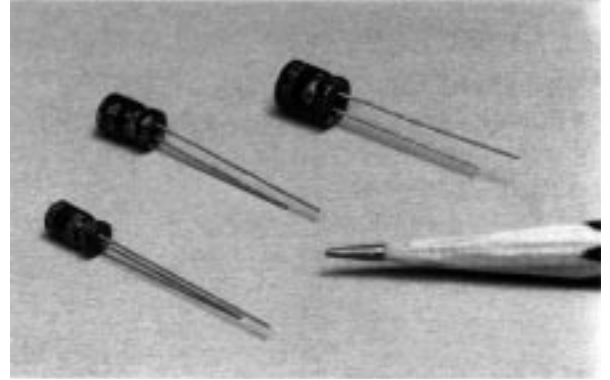


RUM SERIES

ALUMINUM ELECTROLYTIC CAPACITORS 7mm Height, 105°C Standard, Radial Leads

■ Features

- Lengths are all 7mm Radial
- Wide temperature range
- Miniature, high reliability
- Car radio, VTR, video camera etc.
- Load life of 1000 hours at 105°C

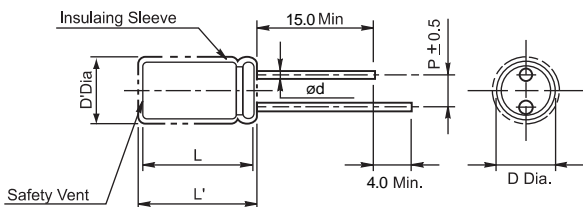


■ Specifications

Item	Performance Characteristics						
Operating temperature range	-55°C ~ +105°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 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	3	3
Load life	After applying rated working voltage for 1000 hours at +105°C and then being stabilized at +20°C, capacitors shall meet following limits.						
	Capacitance change	Within ± 25% of initial measured value(6.3V~16V) Within ± 20% of initial measured value(25V~)					
	Tan δ	≤ 200% of initial specified value					
Shelf life	Leakage current	≤ Initial specified value					
	After storage for 1000 hours at +105°C with no voltage applied and then being stabilized at +20°C, capacitors shall meet following limits.						
	Capacitance change	Within ± 25% of initial measured value(6.3V~16V) Within ± 20% of initial measured value(25V)					
	Tan δ	≤ 200% of initial specified value					
Leakage current	≤ 200% of initial specified value						

■ Case sizes and Dimensions

■ Dimensions & Maximum permissible ripple current [mA(rms) at 105°C, 120Hz]



• Standard lead style

øD	4.0	5.0	6.3
P	1.5	2.0	2.5
ød	0.45		

D'=[D+0.5]Max.

L'=[L+1.0]Max.

Dimensions & Maximum permissible ripple current [mA(rms) at 105°C, 120Hz]

W.V Cap(μF)	øD x L(mm)											
	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
0.1											4x7	2
0.22											4x7	3
0.33											4x7	5
0.47											4x7	6.
1.0											4x7	5
2.2											4x7	10
3.3											4x7	20
4.7							4x7	20	4x7	25	5x7	25
6.8					4x7	25	4x7	30	5x7	35	6.3x7	30
10					4x7	35	5x7	40	5x7	45	6.3x7	40
22	4x7	35	5x7	40	5x7	45	6.3x7	55	6.3x7	60		50
33	5x7	45	5x7	50	6.3x7	65	6.3x7	70				
47	5x7	60	6.3x7	75	6.3x7	80						
100	6.3x7	90										