

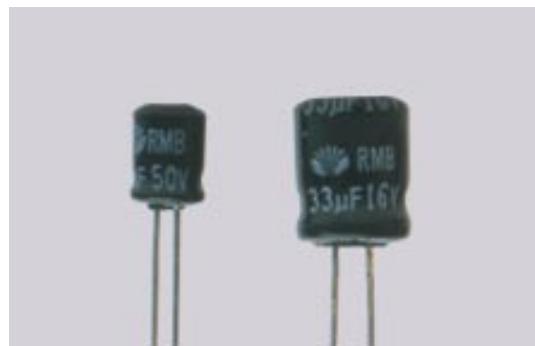
RMB SERIES

ALUMINUM ELECTROLYTIC CAPACITORS

Miniature, Bi-Polar, Radial Leads

n Features

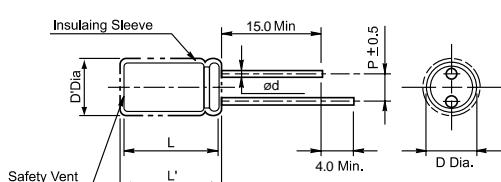
- Bi-polar, Miniature
- Lengths are all 7mm, Radial
- Micro cassette, VTR, video camera, car stereo etc.
- load life of 1000 hours at 85°C



n Specifications

Item	Performance Characteristics						
Operating temperature range	- 40°C ~ +85°C						
Rated working voltage range	6.3V ~ 50V						
Nominal capacitance range	0.1μF ~ 47μF, ±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 ≤ 0.05CV or 10μF(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	
	δ	0.28	0.25	0.20	0.16	0.15	
Characteristics	W.V(V)	6.3	10	16	25	35	
at low temperature(max.)	Z-25°C/Z20°C	4	3	2	2	2	
(impedance ratio at 120Hz)	Z-40°C/Z20°C	10	8	6	4	4	
Load life	After applying rated working voltage for 1000 hours at +85°C with the polarity inverted every 500 hours and then being stabilized at +20°C, capacitors shall meet following limits.δ						
	Capacitance change						
	Within ±20% of initial measured value						
Shelf life	Tan	≤ 200% of initial specified value					
	Leakage current	≤ Initial specified value					
	After storage for 500 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						

n Case sizes and Dimensions



- Standard lead style

øD	4.0	5.0	6.3
p	1.5	2.0	2.5
ød			

D' = [D + 0.5] Max.

L' = [L + 1.0] Max.

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

W.V Cap(μF)	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											4 x7	2.
0.22											4 x7	0
0.33											4 x7	3.
0.47											4 x7	0
1.0											4 x7	5.
2.2										4 x7	12	4 x7
3.3									4 x7	15	4 x7	16
4.7					4 x7	15	5 x7	20	5 x7	25	6.3 x7	0
10		4 x7	25	5 x7	30	6.3 x7	35	6.3 x7	40			10
22	5 x7	30	5 x7	40	6.3 x7	50	6.3 x7	55				15
33	5 x7	45	6.3 x7	55	6.3 x7	60						20
47	6.3	65	6.3 x7	70								30