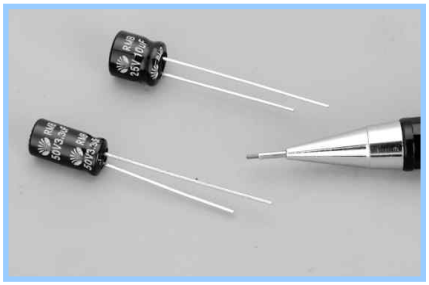
RMB SERIES

85℃, 7mm Height, Bi-Polar Radial Leads

▣ Features

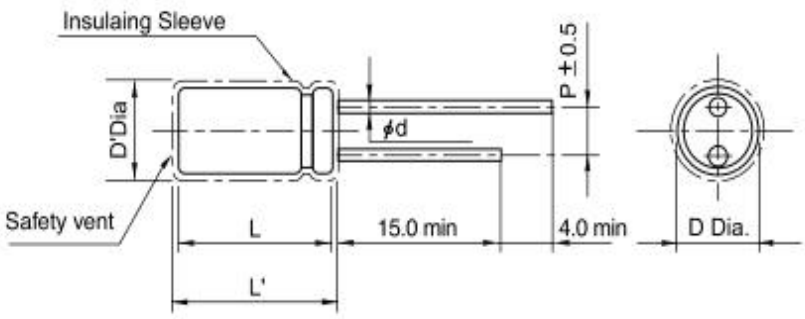
- **7mm Height, Bi-Polar, Radial**
- **Automatic insertion is available**
- **Load life of 1,000 hours at 85℃**



▣ Specifications

Item	Performance Characteristics						
Operating temperature range	-40℃ ~ +85℃						
Rated working voltage range	6.3V ~ 50V						
Nominal capacitance range	0.1 μF ~ 47 μF , ±20% (at 20℃, 120Hz)						
D.C Leakage current(at 20℃)	The following specifications shall be satisfied when the rated voltage is applied for the required time						
	I ≤ 0.05CV or 10μA (2min), whichever is greater.						
	Where I = Leakage current(μA) C = Nominal capacitance(μF) V = Rated voltage (V)						
Tan δ (max., at 20℃, 120Hz)	W.V	6.3	10	16	25	35	50
	Tan δ	0.28	0.25	0.20	0.16	0.15	0.14
Characteristics at low temperature(max.) (impedance ratio at 120Hz)	W.V(V)	6.3	10	16	25	35	50
	Z-25℃/Z+20℃	4	3	2	2	2	2
	Z-40℃/Z+20℃	10	8	6	4	4	4
Load life	After applying rated working voltage for 1,000 hours at +85℃ and then listed being stabilized at +20℃, capacitors shall meet following limits.						
	Capacitance change	Within ±25% of the initial measured value					
	Tan δ	≤ 200% of the initial specified value					
	Leakage current	≤ The initial specified value					
Shelf life	After storage for 1,000hours at + 85℃ with no voltage applied and then being stabilized at +20℃, capacitors shall meet following limits.						
	Capacitance change	Within ±20% of the initial measured value					
	Tan δ	≤ 200% of the initial specified value					
	Leakage current	≤ 200% of the initial specified value					

▣ Dimensions



· Standard lead style

Φ D	4.0	5.0	6.3
P	1.5	2.0	2.5
Φ d	0.45		

D' = [D+0.5] Max. L' = [L+1.5] Max.

RMB SERIES

▣ Dimensions & Maximum permissible ripple current

μF \ V	6.3	10	16	25	35	50
0.10						4 x 7 2
0.22						4 x 7 3
0.33						4 x 7 5
0.47						4 x 7 7
1.0						4 x 7 10
2.2					4 x 7 12	4 x 7 15
3.3				4 x 7 15	5 x 7 16	5 x 7 20
4.7			4 x 7 15	5 x 7 20	6.3 x 7 25	6.3 x 7 30
10		4 x 7 25	5 x 7 30	6.3 x 7 35	6.3 x 7 40	
22	5 x 7 30	5 x 7 40	6.3 x 7 50	6.3 x 7 55		
33	5 x 7 45	6.3 x 7 55	6.3 x 7 60			
47	6.3 x 7 65	6.3 x 7 70	Case size : ΦD x L(mm) Maximum permissible ripple current[mA(rms) at 85℃, 120㎐]			