



RM Series

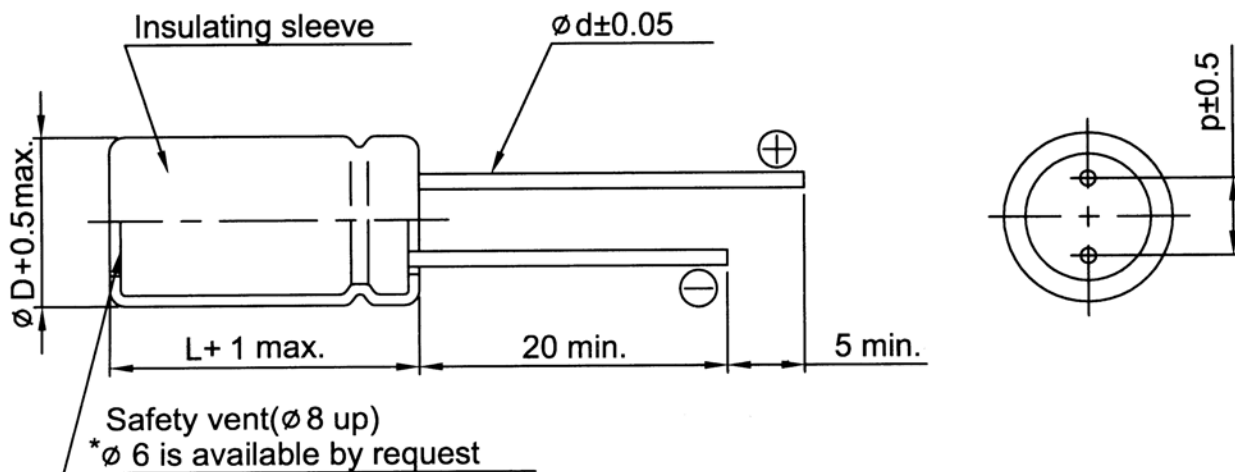
85°C, Standard, Radial Leads

- Life 2000 hours at 85°C
- Small size allows wider choice of capacitance and voltage for automatic insertion.

Characteristics

Voltage Range	6.3 to 100 VDC	160 to 450 VDC																																		
Capacitance Range	0.47 to 10,000 μ F	0.47 to 470 μ F																																		
Temperature Range	-40 to +85°C	-25 to +85°C																																		
Capacitance Tolerance	\pm 20% at 120Hz, 20°C (10% Tol. is available upon request)																																			
Leakage Current	$I \leq 0.01CV$ or $3\mu A$, whichever is greater 3 minutes after Rated Voltage is applied	$I \leq 0.03CV$ or $3\mu A$, whichever is greater 3 minutes after Rated Voltage is applied																																		
Dissipation Factor (tan δ) Max.	<table border="1"> <tr> <td>Rated Voltage (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>100</td> </tr> <tr> <td>D.F. (tan δ)</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> <td>0.08</td> </tr> </table>									Rated Voltage (V)	6.3	10	16	25	35	50	63	100	D.F. (tan δ)	0.22	0.19	0.16	0.14	0.12	0.10	0.10	0.08									
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When the capacitance exceeds 1,000 μ F, 0.02 shall be added every 1,000 μ F increase.																																				
Stability at Low Temperature (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.																																			
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Z(-25°C) / Z(+20°C)	2	2	3	5	15	15																														
After the rated voltage has been applied for 2,000 hours at 85°C																																				
Load Life	Capacitance Change		Within \pm 20% of initial value																																	
	D.F. (tan δ)		150% or less of initial specified value																																	
	Leakage Current		less than initial specified value																																	
Shelf Life	After storage for 500 hours at 85°C, with no voltage applied and being stabilized at +20°C, Capacitor shall meet the limit specified in load life.																																			

Dimensions (Units:mm)



D ϕ	5.0	6.3	8.0	10	13	16	18	22	25
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10.0	12.5
d ϕ	0.5			0.6		0.8		1.0	

