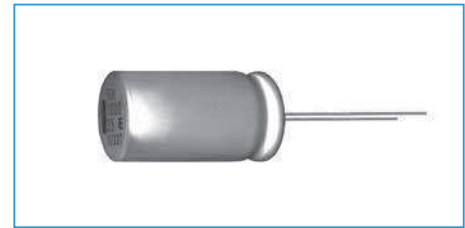
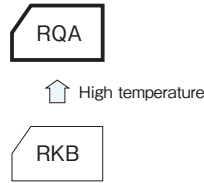


## 150°C Miniature Capacitors

GREEN CAP Low Impedance 150°C 1000hours Anti-cleaning solvent

- 150°C, High temperature guaranteed.
- Guarantees 1000 hours at 150°C.



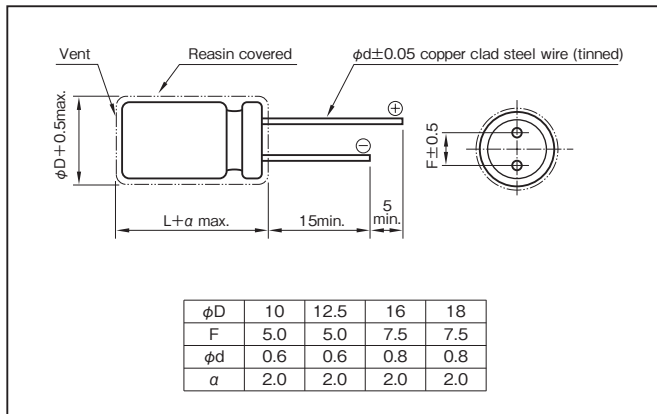
Marking color : Black print

### Specifications

Item	Performance														
Category temperature range (°C)	-40 to +150														
Tolerance at rated capacitance (%)	±20 (20°C,120Hz)														
Leakage current (µA)	Less than 0.01CV or 4 whichever is larger (after 2 minutes) C : Rated capacitance (µF), V : Rated voltage (V) (20°C)														
Tangent of loss angle (tanδ)	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>tanδ (max.)</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table>	Rated voltage (V)	10	16	25	35	50	63	tanδ (max.)	0.20	0.16	0.14	0.12	0.10	0.10
	Rated voltage (V)	10	16	25	35	50	63								
tanδ (max.)	0.20	0.16	0.14	0.12	0.10	0.10									
0.02 is added to every 1000µF increase over 1000µF. (20°C,120Hz)															
Characteristics at high and low temperature	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Impedance ratio (max.)</td> <td>Z-40°C/Z+20°C</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	Rated voltage (V)	10	16	25	35	50	63	Impedance ratio (max.)	Z-40°C/Z+20°C	4	3	3	3	3
	Rated voltage (V)	10	16	25	35	50	63								
Impedance ratio (max.)	Z-40°C/Z+20°C	4	3	3	3	3									
(120Hz)															
Endurance (150°C) (Applied ripple current)	Test time	1000 hours													
	Leakage current	The initial specified value or less													
	Percentage of capacitance change	Within ±30% of initial value													
	Tangent of the loss angle	300% or less of the initial specified value													
Shelf life (150°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4														
Applicable standards	JIS C5101 - 1, - 4 1998 (IEC 60384 - 1 1992, - 4 1985)														

### Outline Drawing

Unit : mm



### Coefficient of Frequency for Rated Ripple Current

Rated capacitance (µF)	50 · 60	120	1k	10k · 100k
220 to 330	0.55	0.65	0.85	1
470 to 1000	0.70	0.75	0.90	1
1500 to 4700	0.80	0.85	0.95	1

### Part numbering system (example : 35V1000µF)

RQA	—	35	V	102	M	I6	#	—	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol			Taping(Forming) symbol

### Standard Ratings

Rated voltage (V)	Item	10			16			25			35		
		Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)
220	—	—	—	—	—	—	10×14.5	H3	300	10×14.5	H3	300	
330	—	—	—	—	—	—	10×18	H4	510	10×18	H4	510	
470	—	—	—	—	10×18	H4	510	10×22	H5	820	10×22	H5	820
1000	10×22	H5	820	10×22	H5	820	12.5×26	I6	1000	12.5×26	I6	1000	
2200	12.5×26	I6	1000	12.5×26	I6	1000	16×26.5	J6	1200	16×33	J7	1370	
3300	16×26.5	J6	1200	16×33	J7	1370	16×37	J8	1720	18×34	K7	1670	
4700	16×33	J7	1370	16×37	J8	1720	18×38	K8	1790	18×42.5	K9	1870	

Rated voltage (V)	Item	50			63		
		Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Rated ripple current (mArms)
470	12.5×21	I5	1070	16×26.5	J6	750	
1000	16×33	J7	1250	18×34	K7	1200	
1500	18×34	K7	1500	18×42.5	K9	1550	
2200	18×38	K8	1700	—	—	—	

(Note) Rated ripple current : 150°C, 100kHz