

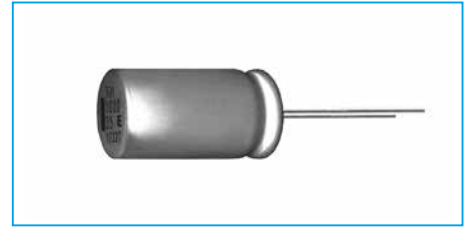
150°C Miniature Capacitors

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

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



High temperature



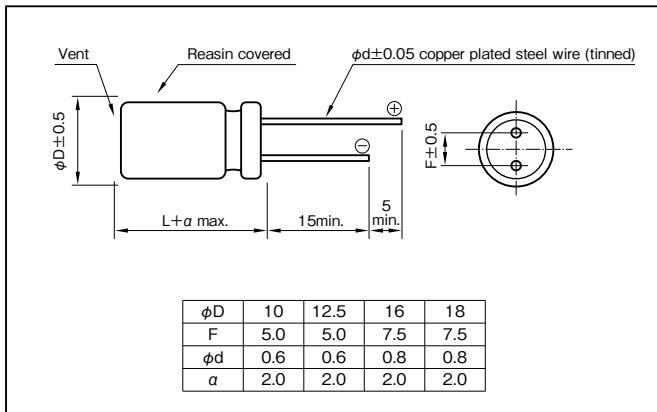
Marking color : Black print

Specifications

Item	Performance											
Category temperature range (°C)	-40 to +150											
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)											
Leakage current (µA) (max.)	0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (µF), V : Rated voltage (V) (20°C)											
Tangent of loss angle (tanδ)	<table border="1"> <thead> <tr> <th>Rated voltage (V)</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> </tr> </thead> <tbody> <tr> <td>tanδ (max.)</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> </tr> </tbody> </table> <p>0.02 is added to every 1000µF increase over 1000µF. (20°C, 120Hz)</p>	Rated voltage (V)	10	16	25	35	tanδ (max.)	0.20	0.16	0.14	0.12	
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Endurance (150°C) (Applied ripple current)	<table border="1"> <tbody> <tr> <td>Test time</td> <td>1000 hours</td> </tr> <tr> <td>Leakage current</td> <td>The initial specified value or less</td> </tr> <tr> <td>Percentage of capacitance change</td> <td>Within ±30% of initial value</td> </tr> <tr> <td>Tangent of the loss angle</td> <td>300% or less of the initial specified value</td> </tr> </tbody> </table>	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			
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Shelf life (150°C)	Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 4.1											
Applicable standards	JIS C5101 - 1, - 4 (IEC 60384 - 1, - 4)											

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
2200 to 4700	0.80	0.85	0.95	1

Product code system : 35V1000µF (*For general product)

RS*	RQA	102	M	1G	G26		T
Category code	Series code	capacitance code	Cap tol. code	Voltage code	Size code	Lead-forming and packing code	Additional code

For details, refer to the various "Product Code System" pages.

Standard Ratings

Rated voltage (V)	Item	10 (1L)			16 (1E)			25 (1T)			35 (1G)		
		Case φD×L (mm)	Size code	Rated ripple current (mArms)	Case φD×L (mm)	Size code	Rated ripple current (mArms)	Case φD×L (mm)	Size code	Rated ripple current (mArms)	Case φD×L (mm)	Size code	Rated ripple current (mArms)
220		—	—	—	—	—	—	10×14.5	F14	300	10×14.5	F14	300
330		—	—	—	—	—	—	10×18	F18	510	10×18	F18	510
470		—	—	—	10×18	F18	510	10×22	F22	820	10×22	F22	820
1000		10×22	F22	820	10×22	F22	820	12.5×26	G26	1000	12.5×26	G26	1000
2200		12.5×26	G26	1000	12.5×26	G26	1000	16×26.5	J26	1200	16×33	J33	1370
3300		16×26.5	J26	1200	16×33	J33	1370	16×37	J37	1720	18×34	K34	1670
4700		16×33	J33	1370	16×37	J37	1720	18×38	K38	1790	18×42.5	K42	1870

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

NOTE : Design, Specifications are subject to change without notice. It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.