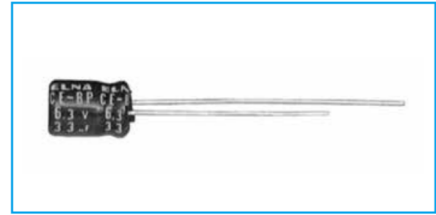


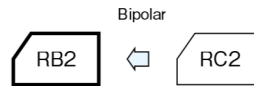
7mm L, Bipolar Capacitors

GREEN CAP Anti-cleaning solvent

- Diameters from $\phi 4$ to $\phi 6.3$ mm and a height of 7mm.



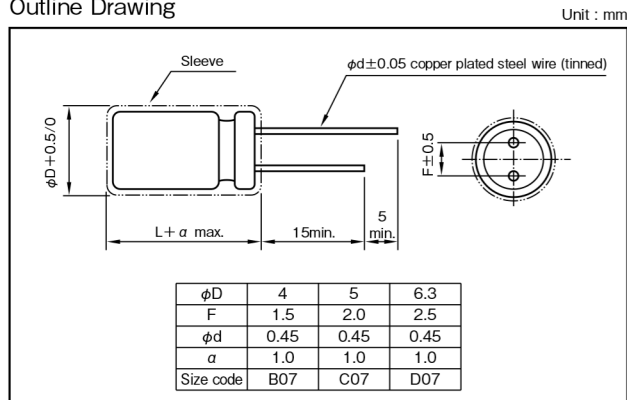
Marking color : White print on a blue sleeve



Specifications

Item	Performance														
Category temperature range (°C)	-40 to +85														
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)														
Leakage current (μA) (max.)	0.03CV + 3 (after 5 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>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>tanδ (max.)</td> <td>0.30</td> <td>0.25</td> <td>0.20</td> <td>0.15</td> <td>0.15</td> <td>0.15</td> </tr> </tbody> </table> <p>(20°C, 120Hz)</p>	Rated voltage (V)	6.3	10	16	25	35	50	tanδ (max.)	0.30	0.25	0.20	0.15	0.15	0.15
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tanδ (max.)	0.30	0.25	0.20	0.15	0.15	0.15									
Endurance (85°C)	<table border="1"> <tbody> <tr> <td>Test time</td> <td>1000 hours (with the polarity inverted every 250 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 ±20% of initial value</td> </tr> <tr> <td>Tangent of the loss angle</td> <td>200% or less of the initial specified value</td> </tr> </tbody> </table>	Test time	1000 hours (with the polarity inverted every 250 hours)	Leakage current	The initial specified value or less	Percentage of capacitance change	Within ±20% of initial value	Tangent of the loss angle	200% or less of the initial specified value						
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Tangent of the loss angle	200% or less of the initial specified value														
Applicable standards	JIS C5101 - 1, - 4 (IEC 60384 - 1, - 4)														

Outline Drawing



Coefficient of Frequency for Rated Ripple Current

Rated voltage (V) \ Frequency (Hz)	50 · 60	120	1k	10k · 100k
6.3 to 16	0.8	1	1.1	1.2
25 to 35	0.8	1	1.5	1.7
50	0.8	1	1.6	1.9

Product code system : 16V47μF (*For general product)

RS*	RB2	470	M	1E	D07		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) \ Rated capacitance (μF)	6.3 (1J)			10 (1L)			16 (1E)			25 (1T)			35 (1G)			50 (1U)		
	Item	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)	Case φD×L (mm)	Rated ripple current (mA)			
0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4×7	5		
0.47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4×7	6		
1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4×7	9		
2.2	—	—	—	—	—	—	—	—	—	—	—	4×7	14	5×7	16			
3.3	—	—	—	—	—	—	—	—	—	4×7	17	5×7	19	5×7	19			
4.7	—	—	—	—	—	4×7	17	5×7	23	5×7	23	5×7	23	6.3×7	27			
10	—	—	—	4×7	23	5×7	29	6.3×7	39	6.3×7	39	—	—	—	—			
22	5×7	35	—	5×7	39	6.3×7	50	6.3×7	58	—	—	—	—	—	—			
33	5×7	43	—	6.3×7	55	6.3×7	61	6.3×7	71	—	—	—	—	—	—			
47	6.3×7	60	—	6.3×7	66	6.3×7	73	—	—	—	—	—	—	—	—			

(Note) Rated ripple current : 85°C, 120Hz.