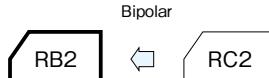


## 7mm L, Bipolar Capacitors

GREEN CAP  
Anti-cleaning solvent

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



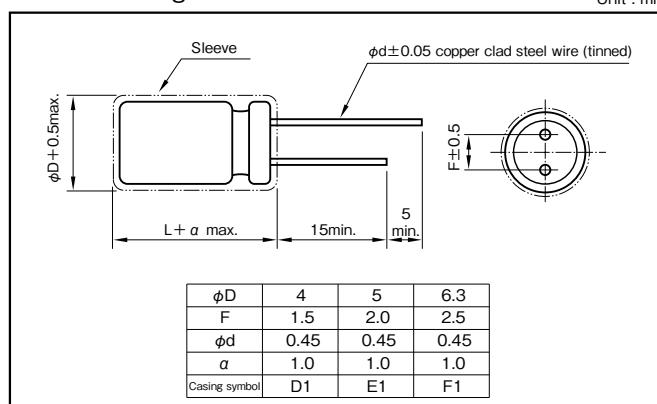
Marking color : White print on a blue sleeve

## Specifications

Item	Performance							
Category temperature range (°C)	−40 to +85							
Tolerance at rated capacitance (%)	$\pm 20$ (20°C, 120Hz)							
Leakage current ( $\mu$ A)	Less than $0.03CV + 3$ (after 5 minutes) C : Rated capacitance ( $\mu$ F) ; V : Rated voltage (V) (20°C)							
Tangent of loss angle ( $\tan\delta$ )	Rated voltage (V)	6.3	10	16	25	35	50	
	$\tan\delta$ (max.)	0.30	0.25	0.20	0.15	0.15	0.15	
	(20°C, 120Hz)							
Endurance (85°C)	Test time	1000 hours (with the polarity inverted every 250 hours)						
	Leakage current	The initial specified value or less						
	Percentage of capacitance change	Within $\pm 20\%$ of initial value						
	Tangent of the loss angle	200% or less of the initial specified value						
Applicable standards	JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985)							

## Outline Drawing

Unit : mm



## Coefficient of Frequency for Rated Ripple Current

Frequency (Hz) Rated voltage (V)	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

## Part numbering system (example: 16V47μF)

RB2	—	16	V	470	M	F1	#	—	□
Series code	Rated voltage symbol	Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	Taping(Forming) symbol				

## Standard Ratings

Rated voltage (V)	6.3		10		16		25		35		50	
	Item	Case	Rated ripple current	Case								
		$\phi D \times L$ (mm)	(mArms)	$\phi D \times L$ (mm)								
0.33	—	—	—	—	—	—	—	—	—	—	—	4x7
0.47	—	—	—	—	—	—	—	—	—	—	—	4x7
1	—	—	—	—	—	—	—	—	—	—	—	4x7
2.2	—	—	—	—	—	—	—	—	4x7	14	5x7	16
3.3	—	—	—	—	—	—	4x7	17	5x7	19	5x7	19
4.7	—	—	—	—	4x7	17	5x7	23	5x7	23	6.3x7	27
10	—	—	4x7	23	5x7	29	6.3x7	39	6.3x7	39	—	—
22	5x7	35	5x7	39	6.3x7	50	6.3x7	58	—	—	—	—
33	5x7	43	6.3x7	55	6.3x7	61	6.3x7	71	—	—	—	—
47	6.3x7	60	6.3x7	66	6.3x7	73	—	—	—	—	—	—

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

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.