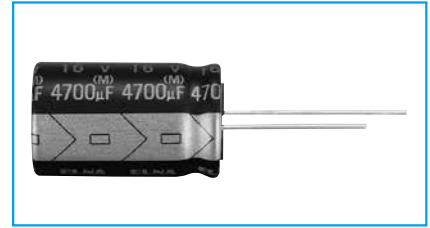
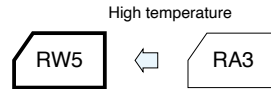


105°C Miniature Capacitors for Audio

GREEN CAP 105°C 1000hours For Audio



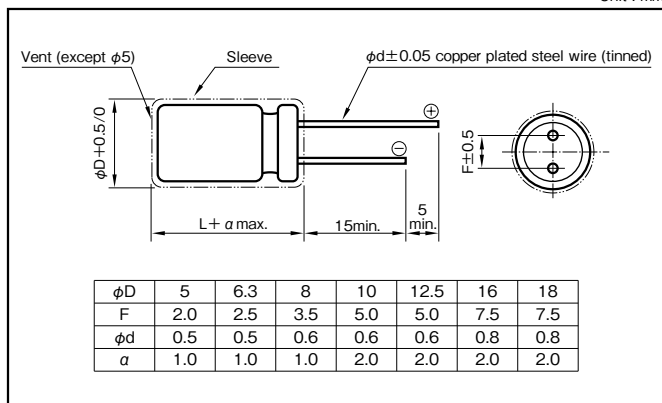
- With the same size as that for Series RJ5 miniaturized standard capacitors, a high resolution sound quality grade has been realized.
- Guarantees 1000 hours at 105°C



Specifications

Item	Performance														
Category temperature range (°C)	-55 to +105														
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)														
Leakage current (µA) (max.)	0.03CV or 4 whichever is larger (after 1 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>16</td> <td>25</td> </tr> <tr> <td>tanδ (max.)</td> <td>0.24</td> <td>0.20</td> </tr> </table> <p>0.02CV is added to every 1000µF increase over 1000µF (20°C, 120Hz)</p>	Rated voltage (V)	16	25	tanδ (max.)	0.24	0.20								
Rated voltage (V)	16	25													
tanδ (max.)	0.24	0.20													
Characteristics at high and low temperature	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>16</td> <td>25</td> </tr> <tr> <td rowspan="2">Impedance ratio (max.)</td> <td>Z-25°C/Z+20°C</td> <td>3</td> </tr> <tr> <td>Z-40°C/Z+20°C</td> <td>6</td> </tr> <tr> <td></td> <td></td> <td>2</td> </tr> <tr> <td></td> <td></td> <td>4</td> </tr> </table> <p>(120Hz)</p>	Rated voltage (V)	16	25	Impedance ratio (max.)	Z-25°C/Z+20°C	3	Z-40°C/Z+20°C	6			2			4
Rated voltage (V)	16	25													
Impedance ratio (max.)	Z-25°C/Z+20°C	3													
	Z-40°C/Z+20°C	6													
		2													
		4													
Endurance (105°C) (Applied ripple current)	<table border="1"> <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 ±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> </table>	Test time	1000 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						
Test time	1000 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														
Shelf life (105°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



Coefficient of Frequency for Rated Ripple Current

Rated Capacitance (µF)	Frequency (Hz)				
	50 - 60	120	1k	10k	100k
100 to 220	0.8	1	1.2	1.3	1.4
330 to 1000	0.8	1	1.2	1.2	1.3
2200 to 15000	0.8	1	1.1	1.1	1.1

Product code system : 16V3300µF (*For general product)

RS*	RW5	332	M	1E	G25		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	16 (1E)			25 (1T)		
		Case φD×L (mm)	Size code	Rated ripple current (mArms)	Case φD×L (mm)	Size code	Rated ripple current (mArms)
100	—	—	—	—	5×11.5	C11	125
	220	6.3×11.5	D11	190	6.3×11.5	D11	200
	330	6.3×11.5	D11	225	8×12	E12	310
	470	8×12	E12	323	10×12.5	F12	429
	1000	10×12.5	F12	500	10×16	F16	610
2200	10×20	F20	710	12.5×25	G25	1180	
				16×20	J20	1230	
				18×16	K16	1200	
3300	12.5×25	G25	1200	16×25	J25	1440	
	16×20	J20	1250	18×20	K20	1400	
4700	16×25	J25	1500	16×25	J25	1570	
	18×20	K20	1460	18×20	K20	1530	
6800	16×25	J25	1600	16×35.5	J35	1850	
	18×20	K20	1560	18×31.5	K31	1870	
10000	16×35.5	J35	1930	18×40	K40	2000	
15000	18×40	K40	2210	—	—	—	

(Note) Rated ripple current : 105°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.