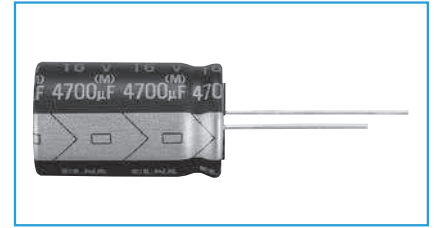
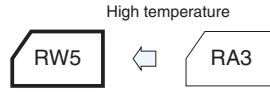


105°C Miniature Capacitors for Audio

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



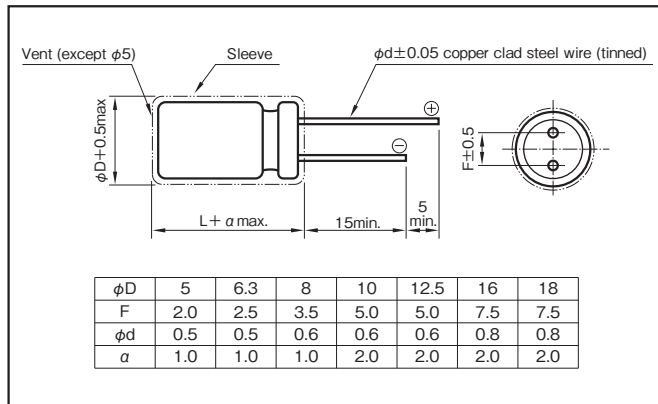
Marking color : Gold print on a black sleeve

Specifications

Item	Performance											
Category temperature range (°C)	-55 to +105											
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)											
Leakage current (µA)	Less than 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> 0.02CV is added to every 1000µF increase over 1000µF (20°C, 120Hz)	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>4</td> </tr> </table> (120Hz)	Rated voltage (V)	16	25	Impedance ratio (max.)	Z-25°C/Z+20°C	3	Z-40°C/Z+20°C	6			4
Rated voltage (V)	16	25										
Impedance ratio (max.)	Z-25°C/Z+20°C	3										
	Z-40°C/Z+20°C	6										
		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											
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)	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

Part numbering system (example : 16V3300µF)

RW5	—	16	V	332	M	I6	#	—	□
Series code		Rated voltage symbol		Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol			Taping (Forming) symbol

Standard Ratings

Rated capacitance (µF)	16			25		
	Case φD×L (mm)	Casing symbol	Rated ripple current (mA rms)	Case φD×L (mm)	Casing symbol	Rated ripple current (mA rms)
100	—	—	—	5×11.5	E3	125
220	6.3×11.5	F3	190	6.3×11.5	F3	200
330	6.3×11.5	F3	225	8×12	G3	310
470	8×12	G3	323	10×12.5	H3	429
1000	10×12.5	H3	500	10×16	H4	610
2200	10×20	H5	710	12.5×25	I6	1180
				16×20	J5	1230
				18×16	K4	1200
3300	12.5×25	I6	1200	16×25	J6	1440
				16×20	J5	1400
4700	16×20	J5	1250	18×20	K5	1400
				16×25	J6	1570
6800	18×20	K5	1460	18×20	K5	1530
				16×25	J6	1600
10000	16×35.5	J8	1930	16×35.5	J8	1850
				18×20	K5	1560
15000	18×40	K9	2210	18×31.5	K7	1870
				18×40	K9	2000

(Note) Rated ripple current : 105°C, 120Hz.