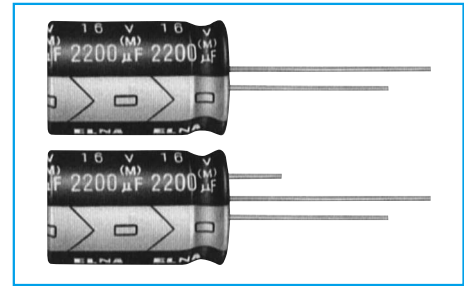
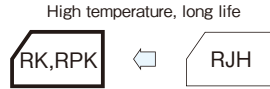


125°C Use, Long Life Capacitors

GREEN CAP Low Impedance 125°C 5000hours Anti-cleaning solvent

- Guarantees 5000 hours at 125°C. (φ8 : 2000 hours, φ10 : 3000 hours).
- Best-suited to smoothing circuits and control circuits for industrial equipment power supplies of which long life and high reliability are required.
- NC terminal added items are lineup for vibration resistance. (φ12.5 to φ18 : RPK series)



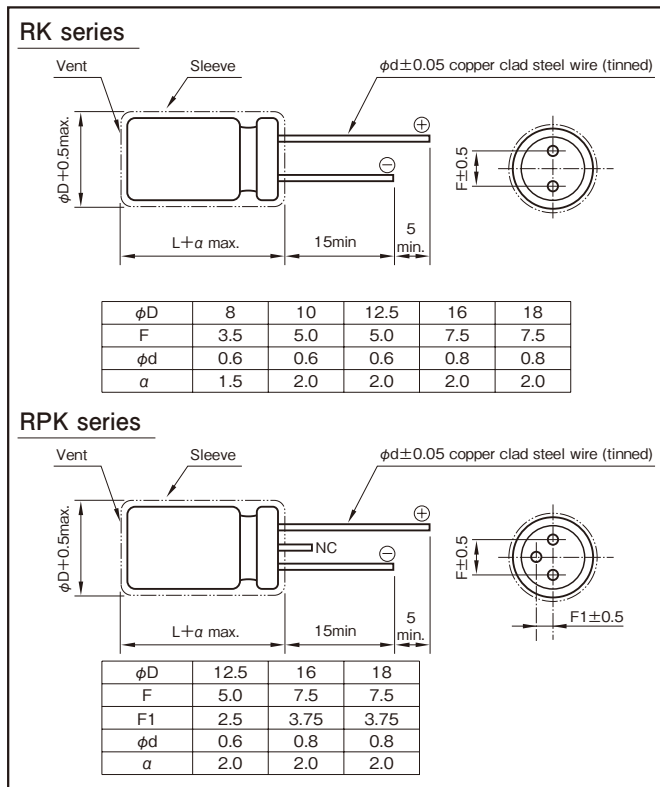
Marking color : White print on a black sleeve

Specifications

Item	Performance														
Category temperature range (°C)	-40 to +125														
Tolerance at rated capacitance (%)	±20 (20°C, 120Hz)														
Leakage current (μA)	Less than 0.04CV (after 2 minutes) C : Rated capacitance (μF) ; V : Rated voltage (V) (20°C)														
Tangent of loss angle (tanδ)	<table border="1"> <tr> <th>Rated voltage (V)</th> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <th>tanδ (max.)</th> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </table>	Rated voltage (V)	10	16	25	35	50	63	tanδ (max.)	0.20	0.16	0.14	0.12	0.10	0.09
	Rated voltage (V)	10	16	25	35	50	63								
tanδ (max.)	0.20	0.16	0.14	0.12	0.10	0.09									
0.02 is added to every 1000μF increase over 1000μF. (20°C, 120Hz)															
Characteristics at high and low temperature	<table border="1"> <tr> <th>Impedance ratio (max.)</th> <td>Z-40°C/Z+20°C</td> <td>3 or less</td> </tr> </table> (120Hz)	Impedance ratio (max.)	Z-40°C/Z+20°C	3 or less											
Impedance ratio (max.)	Z-40°C/Z+20°C	3 or less													
Endurance (125°C) (Applied ripple current)	Test time	5000 hours (φ10 : 3000 hours, φ8 : 2000 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													
Shelf life (125°C)	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													
Voltage application treatment															
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)			
	120	1k	10k	100k
47 to 100	0.40	0.75	0.90	1
220 to 330	0.50	0.85	0.95	1
470 to 1000	0.60	0.88	0.96	1
2200 to 10000	0.75	0.90	0.98	1

Part numbering system

RK series 16V2200μF					
Series code	Rated voltage symbol	Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	#
RK	16	V	222	M	I6

RPK series 16V2200μF					
Series code	Rated voltage symbol	Rated capacitance symbol	Capacitance tolerance symbol	Casing symbol	#
RPK	16	V	222	M	I6

NOTE

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.

RK Series Standard Ratings

Rated voltage (V) Rated capacitance (μF)	10				16				25				
	Item φD×L (mm)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)
220	—	—	—	—	8×12	G3	0.26	340	8×15	G4	0.19	480	
330	8×12	G3	0.26	340	10×12.5	H3	0.20	500	10×16	H4	0.15	630	
470	10×12.5	H3	0.20	500	10×16	H4	0.15	630	10×20	H5	0.10	770	
1000	10×20	H5	0.10	770	12.5×20	I5	0.070	920	12.5×25	I6	0.050	1250	
2200	12.5×25	I6	0.050	1250	16×25	J6	0.042	1380	16×25	J6	0.042	1380	
3300	16×25	J6	0.042	1380	18×25	K6	0.041	1450	18×31.5	K7	0.035	1720	
4700	18×25	K6	0.041	1450	18×35.5	K8	0.029	1980	18×35.5	K8	0.029	1980	
10000	18×35.5	K8	0.029	1980	—	—	—	—	—	—	—	—	

Rated voltage (V) Rated capacitance (μF)	35				50				63				
	Item φD×L (mm)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)
47	—	—	—	—	—	—	—	—	—	8×12	G3	0.68	245
100	8×12	G3	0.26	340	10×12.5	H3	0.36	415	10×16	H4	0.30	455	
220	10×16	H4	0.15	630	10×20	H5	0.18	655	12.5×20	I5	0.18	665	
330	10×20	H5	0.10	770	12.5×20	I5	0.12	780	12.5×25	I6	0.14	995	
470	12.5×20	I5	0.070	920	12.5×25	I6	0.090	1060	16×25	J6	0.10	1000	
1000	16×25	J6	0.042	1380	16×25	J6	0.078	1130	18×31.5	K7	0.084	1280	
2200	18×31.5	K7	0.035	1720	18×35.5	K8	0.051	1720	—	—	—	—	
3300	18×40	K9	0.025	2240	—	—	—	—	—	—	—	—	

(Note) Rated ripple current : 125°C, 100kHz ; Impedance : 20°C, 100kHz

RPK Series Standard Ratings

Rated voltage (V) Rated capacitance (μF)	10				16				25				
	Item φD×L (mm)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)
1000	—	—	—	—	12.5×20	I5	0.070	920	12.5×25	I6	0.050	1250	
2200	12.5×25	I6	0.050	1250	16×25	J6	0.042	1380	16×25	J6	0.042	1380	
3300	16×25	J6	0.042	1380	18×25	K6	0.041	1450	18×31.5	K7	0.035	1720	
4700	18×25	K6	0.041	1450	18×35.5	K8	0.029	1980	18×35.5	K8	0.029	1980	
10000	18×35.5	K8	0.029	1980	—	—	—	—	—	—	—	—	

Rated voltage (V) Rated capacitance (μF)	35				50				63				
	Item φD×L (mm)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)	Case φD×L (mm)	Casing symbol	Impedance (Ω)	Rated ripple current (mArms)
220	—	—	—	—	—	—	—	—	—	12.5×20	I5	0.18	665
330	—	—	—	—	12.5×20	I5	0.12	780	12.5×25	I6	0.14	995	
470	12.5×20	I5	0.070	920	12.5×25	I6	0.090	1060	16×25	J6	0.10	1000	
1000	16×25	J6	0.042	1380	16×25	J6	0.078	1130	18×31.5	K7	0.084	1280	
2200	18×31.5	K7	0.035	1720	18×35.5	K8	0.051	1720	—	—	—	—	
3300	18×40	K9	0.025	2240	—	—	—	—	—	—	—	—	

(Note) Rated ripple current : 125°C, 100kHz ; Impedance : 20°C, 100kHz

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