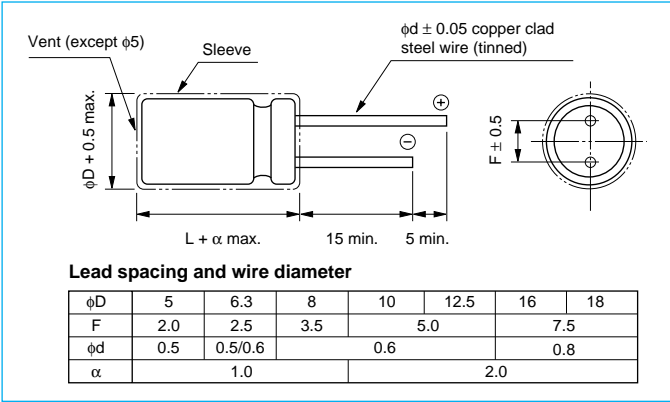


RJJ Miniature Aluminum Electrolytic Capacitors

Series RJJ High-Frequency, Low Impedance, Standard Type

- For high reliability applications, Environmentally safe.
- High-frequency, Low-impedance, Standard product.
- Guaranteed for 5000 hours at 105°C (2000 hours for $\phi 5$ to $\phi 6.3$) (3000 hours for $\phi 8$ to $\phi 10$)

Outline Drawing



Photo



Specifications

Unit: mm

No.	Item	Performance																											
1	Temperature range (°C)	-55 to +105																											
2	Leakage current (µA)	Less than 0.01 CV + 2 (after two minutes) C: Capacitance (µF), V: Voltage (V)																											
3	Capacitance tolerance (%)	±20 (20°C, 120 Hz)																											
4	Tangent of loss angle (tan δ)	<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> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.08</td> <td>0.07</td> </tr> </tbody> </table> <p>0.02 is added to each 1000µF increase over 1000µF (20°C, 120 Hz)</p>	Rated voltage (V)	6.3	10	16	25	35	50	63	100	tan δ	0.22	0.19	0.16	0.14	0.12	0.10	0.08	0.07									
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5	Stability at low temperature	<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> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>Impedance ratio Z-25°C/Z+20°C</td> <td colspan="8">2</td> </tr> <tr> <td>Z-55°C/Z+20°C</td> <td colspan="8">3</td> </tr> </tbody> </table> <p>(120 Hz)</p>	Rated voltage (V)	6.3	10	16	25	35	50	63	100	Impedance ratio Z-25°C/Z+20°C	2								Z-55°C/Z+20°C	3							
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6	Endurance (105°C) (Applied ripple current)	<table border="1"> <thead> <tr> <th>Test time</th> <td>5000 hrs ($\phi 5$ to $\phi 6.3$ 2000 hrs, $\phi 8$ to $\phi 10$ is 3000 hrs)</td> </tr> <tr> <th>Leakage current</th> <td>Initial specified value or less</td> </tr> <tr> <th>Change in capacitance</th> <td>Within ±20% of initial value</td> </tr> <tr> <th>tan δ</th> <td>200% or less of initial specified value</td> </tr> </thead> </table>	Test time	5000 hrs ($\phi 5$ to $\phi 6.3$ 2000 hrs, $\phi 8$ to $\phi 10$ is 3000 hrs)	Leakage current	Initial specified value or less	Change in capacitance	Within ±20% of initial value	tan δ	200% or less of initial specified value																			
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7	Max. storage temp. (105°C)	<table border="1"> <thead> <tr> <th>Test time</th> <td>1000 hrs</td> </tr> <tr> <th>Leakage current</th> <td>Initial specified value or less</td> </tr> <tr> <th>Change in capacitance</th> <td>Within ±15% of initial value</td> </tr> <tr> <th>tan δ</th> <td>150% or less of initial specified value</td> </tr> </thead> </table>	Test time	1000 hrs	Leakage current	Initial specified value or less	Change in capacitance	Within ±15% of initial value	tan δ	150% or less of initial specified value																			
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tan δ	150% or less of initial specified value																												
8	Applicable Standards	JIS C 5102 and JIS C5141																											

Coefficients of Frequency for Ripple Current

Capacitance (µF) \ Frequency (Hz)	120	1 k	10 k	100 k
0.47 to 4.7	0.40	0.68	0.78	1
5.6 to 47	0.50	0.76	0.87	1
56 to 270	0.70	0.85	0.90	1
330 to 1000	0.80	0.93	0.98	1
1200 to 15000	0.90	0.95	1	1

Coefficients of Temperature for Ripple Current

Temperature (°C)	+70 or less	+85	+105
Coefficients	1.96	1.68	1

RJJ Miniature Aluminum Electrolytic Capacitors

Case size by working voltage & capacitance (in mm)

(mm)

WV(V) Cap.(µF)	6.3	10	16	25	35	50	63	100
0.47						5 x 11.5		
1						5 x 11.5		
2.2						5 x 11.5		
3.3						5 x 11.5		
4.7						5 x 11.5		
5.6								5 x 11.5
8.2								5 x 15
10						5 x 11.5		
12							5 x 11.5	6.3 x 11.5
18						5 x 11.5	5 x 15	6.3 x 15
22								8 x 12
27					5 x 11.5	5 x 15	6.3 x 11.5	10 x 12.5
33								8 x 15 / 10 x 16
39				5 x 11.5	5 x 15	6.3 x 11.5	6.3 x 15	8 x 20
47							8 x 12	
56			5 x 11.5	5 x 15	6.3 x 11.5	6.3 x 15	10 x 12.5	10 x 20
68						8 x 12	8 x 15 / 10 x 16	10 x 25 / 12.5 x 15
82		5 x 11.5	5 x 15	6.3 x 11.5	6.3 x 15	8 x 15 / 10 x 12.5	8 x 20	
100	5 x 11.5				8 x 12	10 x 16		10 x 30 / 12.5 x 20
120		5 x 15	6.3 x 11.5	6.3 x 15	10 x 12.5	8 x 20	10 x 20	12.5 x 25 / 16 x 15
150	5 x 15			8 x 12	8 x 15		10 x 25 / 12.5 x 15	18 x 15
180		6.3 x 11.5	6.3 x 15	10 x 12.5	10 x 16	10 x 20 / 12.5 x 15	10 x 30	12.5 x 30 / 16 x 20
220	6.3 x 11.5		8 x 12	8 x 15	8 x 20	10 x 25	12.5 x 20 / 16 x 15	12.5 x 35 / 16 x 25
270		6.3 x 15	10 x 12.5	8 x 20 / 10 x 16			12.5 x 25	12.5 x 40 / 18 x 20
330	6.3 x 15	8 x 12	8 x 15		10 x 20 / 12.5 x 15	10x30/12.5x20/16x15	18 x 15	16 x 31.5 / 18 x 25
390	8 x 12	10 x 12.5	10 x 16		10 x 25		12.5 x 30 / 16 x 20	16 x 35.5 / 18 x 31.5
470	10 x 12.5	8 x 15	8 x 20	10 x 20 / 12.5 x 15	10 x 30	12.5 x 25 / 18 x 15	12.5 x 35 / 16 x 25	16 x 40
560	8 x 15	8 x 20 / 10 x 16		10 x 25	12.5 x 20 / 16 x 15	12.5 x 30	12.5 x 40 / 18 x 20	18 x 35.5
680	10 x 16		10 x 20 / 12.5 x 15	10 x 30	12.5 x 25	12.5 x 35 / 16 x 20	16 x 31.5 / 18 x 25	18 x 40
820	8 x 20	10 x 20	10 x 25	12.5 x 20 / 16 x 15	18 x 15	12.5x40/16x25/18x20	16 x 35.5 / 18 x 31.5	
1000		12.5 x 15	10 x 30	12.5 x 25	12.5 x 30 / 16 x 20	16 x 31.5 / 18 x 25	16 x 40 / 18 x 35.5	
1200	10 x 20 / 12.5 x 15	10 x 25	12.5 x 20 / 16 x 15	18 x 15	12.5 x 35 / 16 x 25	16 x 35.5	18 x 40	
1500	10 x 25	10 x 30 / 16 x 15	12.5 x 25 / 18 x 15	12.5 x 30 / 16 x 20	12.5 x 40 / 18 x 20	16 x 40 / 18 x 31.5		
1800		12.5 x 20		12.5 x 35 / 16 x 25	16 x 31.5 / 18 x 25	18 x 35.5		
2200	10 x30/12.5x20/16x15	12.5 x 25 / 18 x 15	12.5 x 30 / 16 x 20	12.5 x 40 / 18 x 20	16 x 35.5 / 18 x 31.5	18 x 40		
2700	12.5 x 25	12.5 x 30	12.5 x 35 / 16 x 25	16 x 31.5 / 18 x 25	16 x 40 / 18 x 35.5			
3300	18 x 15	12.5 x 35 / 16 x 20	12.5 x 40 / 18 x 20	16 x 35.5 / 18 x 31.5	18 x 40			
3900	12.5 x 30 / 16 x 20	12.5x40/16x25/18x20	16 x 31.5 / 18 x 25	16 x 40 / 18 x 35.5				
4700	12.5 x 35	16 x 31.5 / 18 x 25	16 x 35.5 / 18 x 31.5	18 x 40				
5600	12.5x40/16x25/18x20		16 x 40					
6800	16 x 31.5 / 18 x 25	16 x 35.5 / 18 x 31.5	18 x 35.5					
8200	16 x 35.5	16 x 40 / 18 x 35.5	18 x 40					
10000	16 x 40 / 18 x 31.5	18 x 40						
12000	18 x 35.5							
15000	18 x 40							

Radial Type

RJJ

RJJ Miniature Aluminum Electrolytic Capacitors

Standard Ratings

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φx L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mA _{rms})
				20°C	-10°C	
6.3 V						
RJJ-6V101ME3E	100	5 x 11.5	0.22	1.1	2.7	175
RJJ-6V151ME4E	150	5 x 15	0.22	0.78	1.9	235
RJJ-6V221MF3E	220	6.3 x 11.5	0.22	0.51	1.2	290
RJJ-6V331MF4E	330	6.3 x 15	0.22	0.34	0.85	400
RJJ-6V391MG3E	390	8 x 12	0.22	0.25	0.63	488
RJJ-6V471MH3E	470	10 x 12.5	0.22	0.18	0.45	613
RJJ-6V561MG4E	560	8 x 15	0.22	0.19	0.48	617
RJJ-6V681MH4E	680	10 x 16	0.22	0.14	0.35	734
RJJ-6V821MG5E	820	8 x 20	0.22	0.14	0.35	800
RJJ-6V122MH5E	1200	10 x 20	0.22	0.098	0.24	1010
RJJ-6V122MI4E	1200	12.5 x 15	0.22	0.098	0.24	1010
RJJ-6V152MH6E	1500	10 x 25	0.22	0.083	0.20	1190
RJJ-6V222MH7E	2200	10 x 30	0.24	0.068	0.16	1440
RJJ-6V222MI5E	2200	12.5 x 20	0.24	0.063	0.15	1400
RJJ-6V222MJ4EG	2200	16 x 15	0.24	0.069	0.17	1310
RJJ-6V272MI6E	2700	12.5 x 25	0.24	0.057	0.14	1690
RJJ-6V332MK4EG	3300	18 x 15	0.26	0.065	0.16	1460
RJJ-6V392MI7E	3900	12.5 x 30	0.26	0.048	0.12	1950
RJJ-6V392MJ5EG	3900	16 x 20	0.26	0.051	0.12	1660
RJJ-6V472MI8E	4700	12.5 x 35	0.28	0.042	0.10	2220
RJJ-6V562MI9E	5600	12.5 x 40	0.30	0.039	0.098	2390
RJJ-6V562MJ6EG	5600	16 x 25	0.30	0.042	0.10	2070
RJJ-6V562MK5EG	5600	18 x 20	0.30	0.045	0.11	1850
RJJ-6V682MJ7EG	6800	16 x 31.5	0.32	0.038	0.094	2350
RJJ-6V682MK6EG	6800	18 x 25	0.32	0.041	0.10	2120
RJJ-6V822MJ8EG	8200	16 x 35.5	0.36	0.033	0.083	2550
RJJ-6V103MJ9EG	10000	16 x 40	0.38	0.030	0.075	2970
RJJ-6V103MK7EG	10000	18 x 31.5	0.38	0.035	0.086	2410
RJJ-6V123MK8EG	12000	18 x 35.5	0.42	0.029	0.071	2680
RJJ-6V153MK9EG	15000	18 x 40	0.48	0.027	0.068	3010
10 V						
RJJ-10V820ME3E	82	5 x 11.5	0.19	1.1	2.7	175
RJJ-10V121ME4E	120	5 x 15	0.19	0.78	1.9	235
RJJ-10V181MF3E	180	6.3 x 11.5	0.19	0.52	1.3	290
RJJ-10V271MF4E	270	6.3 x 15	0.19	0.34	0.85	400
RJJ-10V331MG3E	330	8 x 12	0.19	0.25	0.63	490

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φx L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mA _{rms})
				20°C	-10°C	
RJJ-10V391MH3E	390	10 x 12.5	0.19	0.18	0.45	620
RJJ-10V471MG4E	470	8 x 15	0.19	0.19	0.48	575
RJJ-10V561MG5E	560	8 x 20	0.19	0.14	0.35	807
RJJ-10V561MH4E	560	10 x 16	0.19	0.14	0.35	795
RJJ-10V821MH5E	820	10 x 20	0.19	0.090	0.22	1010
RJJ-10V102MI4E	1000	12.5 x 15	0.19	0.098	0.24	1010
RJJ-10V122MH6E	1200	10 x 25	0.19	0.083	0.20	1190
RJJ-10V152MH7E	1500	10 x 30	0.19	0.068	0.16	1440
RJJ-10V152MJ4EG	1500	16 x 15	0.19	0.069	0.17	1320
RJJ-10V182MI5E	1800	12.5 x 20	0.19	0.063	0.15	1400
RJJ-10V222MI6E	2200	12.5 x 25	0.21	0.054	0.13	1690
RJJ-10V222MK4EG	2200	18 x 15	0.21	0.065	0.16	1480
RJJ-10V272MI7E	2700	12.5 x 30	0.21	0.048	0.12	1950
RJJ-10V332MI8E	3300	12.5 x 35	0.23	0.042	0.10	2200
RJJ-10V332MJ5EG	3300	16 x 20	0.23	0.051	0.12	1730
RJJ-10V392MI9E	3900	12.5 x 40	0.23	0.038	0.094	2390
RJJ-10V392MJ6EG	3900	16 x 25	0.23	0.042	0.10	2070
RJJ-10V392MK5EG	3900	18 x 20	0.23	0.045	0.11	1860
RJJ-10V472MJ7EG	4700	16 x 31.5	0.25	0.038	0.094	2280
RJJ-10V472MK6EG	4700	18 x 25	0.25	0.041	0.10	2150
RJJ-10V682MJ8EG	6800	16 x 35.5	0.29	0.033	0.083	2550
RJJ-10V682MK7EG	6800	18 x 31.5	0.29	0.035	0.086	2440
RJJ-10V822MJ9EG	8200	16 x 40	0.33	0.030	0.075	2900
RJJ-10V822MK8EG	8200	18 x 35.5	0.33	0.029	0.071	2700
RJJ-10V103MK9EG	10000	18 x 40	0.35	0.027	0.068	3030
16 V						
RJJ-16V560ME3E	56	5 x 11.5	0.16	1.1	2.7	175
RJJ-16V820ME4E	82	5 x 15	0.16	0.78	1.9	235
RJJ-16V121MF3E	120	6.3 x 11.5	0.16	0.52	1.3	290
RJJ-16V181MF4E	180	6.3 x 15	0.16	0.34	0.85	400
RJJ-16V221MG3E	220	8 x 12	0.16	0.25	0.63	501
RJJ-16V271MH3E	270	10 x 12.5	0.16	0.19	0.48	625
RJJ-16V331MG4E	330	8 x 15	0.16	0.19	0.48	575
RJJ-16V391MH4E	390	10 x 16	0.16	0.13	0.33	795
RJJ-16V471MG5E	470	8 x 20	0.16	0.14	0.35	760
RJJ-16V681MH5E	680	10 x 20	0.16	0.098	0.24	1010
RJJ-16V681MI4E	680	12.5 x 15	0.16	0.098	0.24	1010

Note: Impedance 100 kHz
Allowable Ripple Current 100 kHz at 105°C

RJJ Miniature Aluminum Electrolytic Capacitors

Standard Ratings

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φx L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mAmps)
				20°C	-10°C	
RJJ-16V821MH6E	820	10 x 25	0.16	0.083	0.20	1190
RJJ-16V102MH7E	1000	10 x 30	0.16	0.071	0.17	1430
RJJ-16V122MI5E	1200	12.5 x 20	0.16	0.063	0.15	1400
RJJ-16V122MJ4EG	1200	16 x 15	0.16	0.069	0.17	1340
RJJ-16V152MI6E	1500	12.5 x 25	0.16	0.057	0.14	1690
RJJ-16V152MK4EG	1500	18 x 15	0.16	0.065	0.16	1490
RJJ-16V222MI7E	2200	12.5 x 30	0.18	0.048	0.12	1950
RJJ-16V222MJ5EG	2200	16 x 20	0.18	0.051	0.12	1730
RJJ-16V272MI8E	2700	12.5 x 35	0.18	0.042	0.10	2200
RJJ-16V272MJ6EG	2700	16 x 25	0.18	0.042	0.10	2070
RJJ-16V332MI9E	3300	12.5 x 40	0.20	0.039	0.098	2390
RJJ-16V332MK5EG	3300	18 x 20	0.20	0.045	0.11	1870
RJJ-16V392MJ7EG	3900	16 x 31.5	0.20	0.038	0.094	2350
RJJ-16V392MK6EG	3900	18 x 25	0.20	0.041	0.10	2160
RJJ-16V472MJ8EG	4700	16 x 35.5	0.22	0.033	0.083	2550
RJJ-16V472MK7EG	4700	18 x 31.5	0.22	0.035	0.086	2450
RJJ-16V562MJ9EG	5600	16 x 40	0.24	0.029	0.073	2900
RJJ-16V682MK8EG	6800	18 x 35.5	0.26	0.029	0.071	2730
RJJ-16V822MK9EG	8200	18 x 40	0.30	0.027	0.068	3060
25 V						
RJJ-25V390ME3E	39	5 x 11.5	0.14	1.1	2.7	175
RJJ-25V560ME4E	56	5 x 15	0.14	0.78	1.9	235
RJJ-25V820MF3E	82	6.3 x 11.5	0.14	0.52	1.3	290
RJJ-25V121MF4E	120	6.3 x 15	0.14	0.34	0.85	400
RJJ-25V151MG3E	150	8 x 12	0.14	0.25	0.63	503
RJJ-25V181MH3E	180	10 x 12.5	0.14	0.18	0.45	629
RJJ-25V221MG4E	220	8 x 15	0.14	0.19	0.48	575
RJJ-25V271MG5E	270	8 x 20	0.14	0.14	0.35	751
RJJ-25V271MH4E	270	10 x 16	0.14	0.13	0.33	795
RJJ-25V471MH5E	470	10 x 20	0.14	0.098	0.24	1010
RJJ-25V471MI4E	470	12.5 x 15	0.14	0.098	0.24	1010
RJJ-25V561MH6E	560	10 x 25	0.14	0.083	0.20	1190
RJJ-25V681MH7E	680	10 x 30	0.14	0.068	0.16	1440
RJJ-25V821MI5E	820	12.5 x 20	0.14	0.063	0.15	1400
RJJ-25V821MJ4EG	820	16 x 15	0.14	0.069	0.17	1360
RJJ-25V102MI6E	1000	12.5 x 25	0.14	0.054	0.13	1690
RJJ-25V122MK4EG	1200	18 x 15	0.14	0.065	0.16	1500

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φx L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mAmps)
				20°C	-10°C	
RJJ-25V152MI7E	1500	12.5 x 30	0.14	0.045	0.11	1950
RJJ-25V152MJ5EG	1500	16 x 20	0.14	0.051	0.12	1730
RJJ-25V182MI8E	1800	12.5 x 35	0.14	0.042	0.10	2200
RJJ-25V182MJ6EG	1800	16 x 25	0.14	0.042	0.10	2070
RJJ-25V222MI9E	2200	12.5 x 40	0.16	0.036	0.090	2390
RJJ-25V222MK5EG	2200	18 x 20	0.16	0.054	0.13	1890
RJJ-25V272MJ7EG	2700	16 x 31.5	0.16	0.038	0.094	2350
RJJ-25V272MK6EG	2700	18 x 25	0.16	0.041	0.10	2180
RJJ-25V332MJ8EG	300	16 x 35.5	0.18	0.033	0.083	2550
RJJ-25V332MK7EG	3300	18 x 31.5	0.18	0.035	0.086	2470
RJJ-25V392MJ9EG	3900	16 x 40	0.18	0.029	0.073	2900
RJJ-25V392MK8EG	3900	18 x 35.5	0.18	0.029	0.071	2740
RJJ-25V472MK9EG	4700	18 x 40	0.20	0.027	0.068	3070
35 V						
RJJ-35V270ME3E	27	5 x 11.5	0.12	1.1	2.7	175
RJJ-35V390ME4E	39	5 x 15	0.12	0.78	1.9	235
RJJ-35V560MF3E	56	6.3 x 11.5	0.12	0.52	1.3	290
RJJ-35V820MF4E	82	6.3 x 15	0.12	0.34	0.85	400
RJJ-35V101MG3E	100	8 x 12	0.12	0.25	0.63	506
RJJ-35V121MH3E	120	10 x 12.5	0.12	0.18	0.45	634
RJJ-35V151MG4E	150	8 x 15	0.12	0.19	0.48	637
RJJ-35V181MH4E	180	10 x 16	0.12	0.14	0.35	795
RJJ-35V221MG5E	220	8 x 20	0.12	0.14	0.35	760
RJJ-35V331MH5E	330	10 x 20	0.12	0.098	0.24	1010
RJJ-35V331MI4E	330	12.5 x 15	0.12	0.098	0.24	1010
RJJ-35V391MH6E	390	10 x 25	0.12	0.083	0.20	1190
RJJ-35V471MH7E	470	10 x 30	0.12	0.068	0.16	1450
RJJ-35V561MI5E	560	12.5 x 20	0.12	0.063	0.15	1400
RJJ-35V561MJ4EG	560	16 x 15	0.12	0.069	0.17	1360
RJJ-35V681MI6E	680	12.5 x 25	0.12	0.057	0.14	1690
RJJ-35V821MK4EG	820	18 x 15	0.12	0.065	0.16	1520
RJJ-35V102MI7E	1000	12.5 x 30	0.12	0.048	0.12	1950
RJJ-35V102MJ5EG	1000	16 x 20	0.12	0.051	0.12	1730
RJJ-35V122MI8E	1200	12.5 x 35	0.12	0.042	0.10	2200
RJJ-35V122MJ6EG	1200	16 x 25	0.12	0.042	0.10	2070
RJJ-35V152MI9E	1500	12.5 x 40	0.12	0.039	0.098	2390
RJJ-35V152MK5EG	1500	18 x 20	0.12	0.053	0.13	1900

Note: Impedance 100 kHz
Allowable Ripple Current 100 kHz at 105°C

Radial Type
RJJ

RJJ Miniature Aluminum Electrolytic Capacitors

Standard Ratings

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (ø x L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mAmps)
				20°C	-10°C	
RJJ-35V182MJ7EG	1800	16 x 31.5	0.12	0.038	0.094	2350
RJJ-35V182MK6EG	1800	18 x 25	0.12	0.041	0.10	2200
RJJ-35V222MJ8EG	2200	16 x 35.5	0.14	0.033	0.083	2550
RJJ-35V222MK7EG	2200	18 x 31.5	0.14	0.035	0.086	2490
RJJ-35V272MJ9EG	2700	16 x 40	0.14	0.027	0.068	2900
RJJ-35V272MK8EG	2700	18 x 35.5	0.14	0.029	0.071	2770
RJJ-35V332MK9EG	3300	18 x 40	0.16	0.025	0.063	3110
50 V						
RJJ-50VR47ME3E	0.47	5 x 11.5	0.10	4.6	11.7	18
RJJ-50V010ME3E	1	5 x 11.5	0.10	4.2	10.5	28
RJJ-50V2R2ME3E	2.2	5 x 11.5	0.10	3.6	9.0	42
RJJ-50V3R3ME3E	3.3	5 x 11.5	0.10	3.1	7.8	52
RJJ-50V4R7ME3E	4.7	5 x 11.5	0.10	2.6	6.6	65
RJJ-50V100ME3E	10	5 x 11.5	0.10	1.6	4.2	94
RJJ-50V180ME3E	18	5 x 11.5	0.10	1.1	2.8	120
RJJ-50V270ME4E	27	5 x 15	0.10	0.66	1.6	135
RJJ-50V390MF3E	39	6.3 x 11.5	0.10	0.43	1.0	148
RJJ-50V560MF4E	56	6.3 x 15	0.10	0.33	0.84	153
RJJ-50V680MG3E	68	8 x 12	0.10	0.24	0.60	360
RJJ-50V820MG4E	82	8 x 15	0.10	0.21	0.54	460
RJJ-50V820MH3E	82	10 x 12.5	0.10	0.21	0.54	443
RJJ-50V101MH4E	100	10 x 16	0.10	0.18	0.45	553
RJJ-50V121MG5E	120	8 x 20	0.10	0.15	0.39	670
RJJ-50V181MH5E	180	10 x 20	0.10	0.10	0.25	676
RJJ-50V181MI4E	180	12.5 x 15	0.10	0.11	0.28	745
RJJ-50V221MH6E	220	10 x 25	0.10	0.090	0.22	876
RJJ-50V331MH7E	330	10 x 30	0.10	0.066	0.16	1010
RJJ-50V331MI5E	330	12.5 x 20	0.10	0.072	0.18	979
RJJ-50V331MJ4EG	330	16 x 15	0.10	0.078	0.19	982
RJJ-50V471MI6E	470	12.5 x 25	0.10	0.053	0.13	1180
RJJ-50V471MK4EG	470	18 x 15	0.10	0.058	0.14	1180
RJJ-50V561MI7E	560	12.5 x 30	0.10	0.048	0.12	1310
RJJ-50V681MI8E	680	12.5 x 35	0.10	0.043	0.10	1470
RJJ-50V681MJ5EG	680	16 x 20	0.10	0.054	0.13	1210
RJJ-50V821MI9E	820	12.5 x 40	0.10	0.041	0.10	1590
RJJ-50V821MJ6EG	820	16 x 25	0.10	0.046	0.11	1490
RJJ-50V821MK5EG	820	18 x 20	0.10	0.043	0.10	1450

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (ø x L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mAmps)
				20°C	-10°C	
RJJ-50V102MJ7EG	1000	16 x 31.5	0.10	0.038	0.096	1890
RJJ-50V102MK6EG	1000	18 x 25	0.10	0.038	0.096	1720
RJJ-50V122MJ8EG	1200	16 x 35.5	0.10	0.034	0.084	2140
RJJ-50V152MJ9EG	1500	16 x 40	0.10	0.031	0.078	2410
RJJ-50V152MK7EG	1500	18 x 31.5	0.10	0.031	0.078	1970
RJJ-50V182MK8EG	1800	18 x 35.5	0.10	0.030	0.075	2310
RJJ-50V222MK9EG	2200	18 x 40	0.12	0.029	0.072	2530
63 V						
RJJ-63V120ME3E	12	5 x 11.5	0.08	1.2	3.6	120
RJJ-63V180ME4E	18	5 x 15	0.08	0.85	2.6	135
RJJ-63V270MF3E	27	6.3 x 11.5	0.08	0.55	1.7	148
RJJ-63V390MF4E	39	6.3 x 15	0.08	0.38	1.1	153
RJJ-63V470MG3E	47	8 x 12	0.08	0.32	0.96	360
RJJ-63V560MH3E	56	10 x 12.5	0.08	0.23	0.69	448
RJJ-63V680MG4E	68	8 x 15	0.08	0.24	0.72	469
RJJ-63V680MH4E	68	10 x 16	0.08	0.17	0.51	553
RJJ-63V820MG5E	82	8 x 20	0.08	0.17	0.51	682
RJJ-63V121MH5E	120	10 x 20	0.08	0.12	0.36	676
RJJ-63V151MH6E	150	10 x 25	0.08	0.10	0.30	876
RJJ-63V151MI4E	150	12.5 x 15	0.08	0.11	0.33	745
RJJ-63V181MH7E	180	10 x 30	0.08	0.085	0.26	1020
RJJ-63V221MI5E	220	12.5 x 20	0.08	0.075	0.23	979
RJJ-63V221MJ4EG	220	16 x 15	0.08	0.080	0.24	982
RJJ-63V271MI6E	270	12.5 x 25	0.08	0.065	0.20	1180
RJJ-63V331MK4EG	330	18 x 15	0.08	0.065	0.20	1200
RJJ-63V391MI7E	390	12.5 x 30	0.08	0.055	0.17	1310
RJJ-63V391MJ5EG	390	16 x 20	0.08	0.057	0.17	1210
RJJ-63V471MI8E	470	12.5 x 35	0.08	0.048	0.14	1470
RJJ-63V471MJ6EG	470	16 x 25	0.08	0.052	0.16	1490
RJJ-63V561MI9E	560	12.5 x 40	0.08	0.042	0.13	1590
RJJ-63V561MK5EG	560	18 x 20	0.08	0.058	0.17	1460
RJJ-63V681MJ7EG	680	16 x 31.5	0.08	0.042	0.13	1890
RJJ-63V681MK6EG	680	18 x 25	0.08	0.050	0.15	1740
RJJ-63V821MJ8EG	820	16 x 35.5	0.08	0.036	0.11	2140
RJJ-63V821MK7EG	820	18 x 31.5	0.08	0.042	0.13	1990
RJJ-63V102MJ9EG	1000	16 x 40	0.08	0.032	0.096	2410
RJJ-63V102MK8EG	1000	18 x 35.5	0.08	0.035	0.11	2340

Note: Impedance 100 kHz
Allowable Ripple Current 100 kHz at 105°C

Standard Ratings

ELNA PART NO. / WV (V)	CAP. (µF)	SIZE (φx L) (mm)	tan δ	IMPEDANCE (Ω)		Rip Cur. (mArms)
				20°C	-10°C	
RJJ-63V122MK9EG	1200	18 x 40	0.08	0.032	0.096	2560
100 V						
RJJ-100V5R6ME3E	5.6	5 x 11.5	0.07	1.9	7.6	57
RJJ-100V8R2ME4E	8.2	5 x 15	0.07	1.3	5.2	74
RJJ-100V120MF3E	12	6.3 x 11.5	0.07	1.1	4.4	78
RJJ-100V180MF4E	18	6.3 x 15	0.07	0.62	2.5	85
RJJ-100V220MG3E	22	8 x 12	0.07	0.53	2.1	275
RJJ-100V270MH3E	27	10 x 12.5	0.07	0.47	1.9	319
RJJ-100V330MG4E	33	8 x 15	0.07	0.35	1.4	360
RJJ-100V330MH4E	33	10 x 16	0.07	0.32	1.3	424
RJJ-100V390MG5E	39	8 x 20	0.07	0.27	1.1	490
RJJ-100V560MH5E	56	10 x 20	0.07	0.25	1.0	499
RJJ-100V680MH6E	68	10 x 25	0.07	0.18	0.72	634
RJJ-100V680MI4E	68	12.5 x 15	0.07	0.20	0.80	613
RJJ-100V101MH7E	100	10 x 30	0.07	0.15	0.60	739
RJJ-100V101MI5E	100	12.5 x 20	0.07	0.13	0.52	805
RJJ-100V121MI6E	120	12.5 x 25	0.07	0.11	0.44	857
RJJ-100V121MJ4EG	120	16 x 15	0.07	0.13	0.52	706
RJJ-100V151MK4EG	150	18 x 15	0.07	0.12	0.48	871
RJJ-100V181MI7E	180	12.5 x 30	0.07	0.090	0.36	1120
RJJ-100V181MJ5EG	180	16 x 20	0.07	0.11	0.44	916
RJJ-100V221MI8E	220	12.5 x 35	0.07	0.075	0.30	1240
RJJ-100V221MJ6EG	220	16 x 25	0.07	0.081	0.32	1290
RJJ-100V271MI9E	270	12.5 x 40	0.07	0.060	0.24	1330
RJJ-100V271MK5EG	270	18 x 20	0.07	0.085	0.34	1170
RJJ-100V331MJ7EG	330	16 x 31.5	0.07	0.059	0.23	1630
RJJ-100V331MK6EG	330	18 x 25	0.07	0.071	0.28	1500
RJJ-100V391MJ8EG	390	16 x 35.5	0.07	0.052	0.21	1750
RJJ-100V391MK7EG	390	18 x 31.5	0.07	0.058	0.23	1630
RJJ-100V471MJ9EG	470	16 x 40	0.07	0.045	0.18	1920
RJJ-100V561MK8EG	560	18 x 35.5	0.07	0.054	0.22	1920
RJJ-100V681MK9EG	680	18 x 40	0.07	0.041	0.16	2100

Note: Impedance 100 kHz
Allowable Ripple Current 100 kHz at 105°C