



NEW

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Item	Performance Characteristics																																										
Category Temperature Range	-40~ +105°C																																										
Working Voltage Range	6.3~120Vdc																																										
Capacitance Range	8.2 ~ 8200 μF																																										
Capacitance Tolerance	±20% (at 25°C and 120Hz)																																										
Dissipation Factor (tanδ) (at 25°C, 120Hz)	<table border="1"> <tr> <td>Rated Voltage (V)</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>80</td><td>100</td><td>120</td></tr> <tr> <td>tanδ(Max)</td><td>0.22</td><td>0.18</td><td>0.16</td><td>0.14</td><td>0.12</td><td>0.10</td><td>0.09</td><td>0.08</td><td>0.08</td><td>0.08</td></tr> </table> <p>When nominal capacitance exceeds 1,000uF, add 0.02 to the value above for each 1,000uF increase.</p>	Rated Voltage (V)	6.3	10	16	25	35	50	63	80	100	120	tanδ(Max)	0.22	0.18	0.16	0.14	0.12	0.10	0.09	0.08	0.08	0.08																				
Rated Voltage (V)	6.3	10	16	25	35	50	63	80	100	120																																	
tanδ(Max)	0.22	0.18	0.16	0.14	0.12	0.10	0.09	0.08	0.08	0.08																																	
Leakage Current	<p>I=0.01CV or 3μA whichever is greater</p> <p>I : Leakage current (μA) C : Rated capacitance (μF) V : Rated voltage (V)</p> <p>Impress the rated voltage for 2 minutes</p>																																										
Low Temperature Characteristics Impedance Ratio(MAX)	<table border="1"> <tr> <td>Rated voltage (V)</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>80</td><td>100</td><td>120</td></tr> <tr> <td>Z(-40°C)/Z(+20°C)</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>4</td></tr> </table> <p>(at 120Hz)</p>	Rated voltage (V)	6.3	10	16	25	35	50	63	80	100	120	Z(-40°C)/Z(+20°C)	3	3	3	3	3	3	3	3	3	4																				
Rated voltage (V)	6.3	10	16	25	35	50	63	80	100	120																																	
Z(-40°C)/Z(+20°C)	3	3	3	3	3	3	3	3	3	4																																	
Endurance	<p>The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated ripple current is applied for 6,000~10,000 hours at 105°C.</p> <table border="1"> <tr> <td>Capacitance change</td><td>≤ ±25% of the initial value (6.3V、10Vdc:±30%)</td><td rowspan="4"> <table border="1"> <tr> <th>WV(Vdc) Size</th><th colspan="4">Life time (hours)</th></tr> <tr> <th></th><th>6.3</th><th>10~50</th><th>63~100</th><th>120</th></tr> <tr> <td>≤ Φ6.3</td><td>6,000</td><td>7,000</td><td>6,000</td><td>---</td></tr> <tr> <td>Φ8×11.5</td><td>8,000</td><td>9,000</td><td>8,000</td><td>---</td></tr> <tr> <td>≥ Φ8×16</td><td>9,000</td><td>10,000</td><td>9,000</td><td>9,000</td></tr> <tr> <td>Φ10×12.5</td><td colspan="3">9,000</td><td>---</td></tr> <tr> <td>≥ Φ10×16</td><td colspan="4">10,000</td></tr> </table> </td></tr> <tr> <td>Dissipation factor(tanδ)</td><td>≤ 200% of the specified value</td></tr> <tr> <td>Leakage current</td><td>≤ specified value</td></tr> </table>	Capacitance change	≤ ±25% of the initial value (6.3V、10Vdc:±30%)	<table border="1"> <tr> <th>WV(Vdc) Size</th><th colspan="4">Life time (hours)</th></tr> <tr> <th></th><th>6.3</th><th>10~50</th><th>63~100</th><th>120</th></tr> <tr> <td>≤ Φ6.3</td><td>6,000</td><td>7,000</td><td>6,000</td><td>---</td></tr> <tr> <td>Φ8×11.5</td><td>8,000</td><td>9,000</td><td>8,000</td><td>---</td></tr> <tr> <td>≥ Φ8×16</td><td>9,000</td><td>10,000</td><td>9,000</td><td>9,000</td></tr> <tr> <td>Φ10×12.5</td><td colspan="3">9,000</td><td>---</td></tr> <tr> <td>≥ Φ10×16</td><td colspan="4">10,000</td></tr> </table>	WV(Vdc) Size	Life time (hours)					6.3	10~50	63~100	120	≤ Φ6.3	6,000	7,000	6,000	---	Φ8×11.5	8,000	9,000	8,000	---	≥ Φ8×16	9,000	10,000	9,000	9,000	Φ10×12.5	9,000			---	≥ Φ10×16	10,000				Dissipation factor(tanδ)	≤ 200% of the specified value	Leakage current	≤ specified value
Capacitance change	≤ ±25% of the initial value (6.3V、10Vdc:±30%)	<table border="1"> <tr> <th>WV(Vdc) Size</th><th colspan="4">Life time (hours)</th></tr> <tr> <th></th><th>6.3</th><th>10~50</th><th>63~100</th><th>120</th></tr> <tr> <td>≤ Φ6.3</td><td>6,000</td><td>7,000</td><td>6,000</td><td>---</td></tr> <tr> <td>Φ8×11.5</td><td>8,000</td><td>9,000</td><td>8,000</td><td>---</td></tr> <tr> <td>≥ Φ8×16</td><td>9,000</td><td>10,000</td><td>9,000</td><td>9,000</td></tr> <tr> <td>Φ10×12.5</td><td colspan="3">9,000</td><td>---</td></tr> <tr> <td>≥ Φ10×16</td><td colspan="4">10,000</td></tr> </table>	WV(Vdc) Size		Life time (hours)					6.3	10~50	63~100	120	≤ Φ6.3	6,000	7,000	6,000	---	Φ8×11.5	8,000	9,000	8,000	---	≥ Φ8×16	9,000	10,000	9,000	9,000	Φ10×12.5	9,000			---	≥ Φ10×16	10,000								
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Dissipation factor(tanδ)	≤ 200% of the specified value																																										
Leakage current	≤ specified value																																										
Shelf Life	<p>The following requirements shall be satisfied when the capacitor are restored to 25°C after exposing them for 1,000 hours at 105°C without voltage applied.</p> <table border="1"> <tr> <td>Capacitance change</td><td>≤ ±25% of the initial value(6.3V、10Vdc:±30%)</td></tr> <tr> <td>Dissipation factor(tanδ)</td><td>≤ 200% of the specified value</td></tr> <tr> <td>Leakage current</td><td>≤ 200% of the specified value</td></tr> </table>	Capacitance change	≤ ±25% of the initial value(6.3V、10Vdc:±30%)	Dissipation factor(tanδ)	≤ 200% of the specified value	Leakage current	≤ 200% of the specified value																																				
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Others	Conforms to JIS-C-5101-4 (1998)																																										

ΦD	5	6.3	8	10	12.5	16	18
ΦD	$\Phi D + 0.5 \text{ Max}$						
Φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
a	L + 1.5 Max				$\leq 35 \text{ L} + 1.5 \text{ Max}$ $\geq 40 \text{ L} + 2.0 \text{ Max}$		L + 1.5 Max

E	D	J	0	J	8	2	1	M	N	N	0	8	B	5					
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ALUMINUM ELECTROLYTIC CAPACITORS



EDJ Series

STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
6.3 (0J)	220	5×11	0.4	1.2	345	EDJ0J221MNN0511
	470	6.3×11	0.17	0.51	540	EDJ0J471MNN6311
	820	8×11.5	0.075	0.23	945	EDJ0J821MNN08B5
	1000	8×16	0.059	0.18	1250	EDJ0J102MNN0816
	1200	10×12.5	0.053	0.16	1330	EDJ0J122MNN10C5
	1500	8×20	0.041	0.13	1500	EDJ0J152MNN0820
	1800	10×16	0.038	0.12	1760	EDJ0J182MNN1016
	2700	10×20	0.028	0.084	1960	EDJ0J272MNN1020
	3300	10×25	0.024	0.072	2250	EDJ0J332MNN1025
	3900	12.5×20	0.025	0.075	2480	EDJ0J392MNN1220
	4700	12.5×25	0.019	0.057	2900	EDJ0J472MNN1225
	5600	12.5×30	0.018	0.054	3450	EDJ0J562MNN1230
	6800	12.5×35	0.016	0.048	3570	EDJ0J682MNN1235W
	6800	16×20	0.021	0.063	3250	EDJ0J682MNN1620
	8200	16×25	0.017	0.051	3630	EDJ0J822MNN1625
10 (1A)	150	5×11	0.4	1.2	450	EDJ1A151MNN0511
	330	6.3×11	0.17	0.51	700	EDJ1A331MNN6311
	560	8×11.5	0.075	0.23	1200	EDJ1A561MNN08B5
	680	8×16	0.059	0.18	1600	EDJ1A681MNN0816
	820	10×12.5	0.053	0.16	1700	EDJ1A821MNN10C5
	1000	8×20	0.041	0.13	1960	EDJ1A102MNN0820
	1200	10×16	0.038	0.12	2000	EDJ1A122MNN1016
	1800	10×20	0.028	0.084	2500	EDJ1A182MNN1020
	2200	10×25	0.024	0.072	2900	EDJ1A222MNN1025
	2700	12.5×20	0.025	0.075	2600	EDJ1A272MNN1220
	3300	12.5×25	0.019	0.057	3200	EDJ1A332MNN1225
	4700	12.5×30	0.018	0.054	3660	EDJ1A472MNN1230
	4700	16×20	0.021	0.063	3330	EDJ1A472MNN1620
	5600	12.5×35	0.016	0.048	4120	EDJ1A562MNN1235W
	5600	16×25	0.017	0.051	3810	EDJ1A562MNN1625
16 (1C)	120	5×11	0.4	1.2	450	EDJ1C121MNN0511
	270	6.3×11	0.17	0.51	700	EDJ1C271MNN6311
	470	8×11.5	0.075	0.23	1200	EDJ1C471MNN08B5
	560	8×16	0.059	0.18	1600	EDJ1C561MNN0816
	680	8×16	0.059	0.18	1600	EDJ1C681MNN0816
	680	10×12.5	0.053	0.16	1700	EDJ1C681MNN10C5
	820	8×20	0.041	0.13	1960	EDJ1C821MNN0820
	1000	8×20	0.041	0.13	1960	EDJ1C102MNN0820
	1000	10×16	0.038	0.12	2000	EDJ1C102MNN1016
	1500	10×20	0.028	0.084	2500	EDJ1C152MNN1020
	1800	10×25	0.024	0.072	2900	EDJ1C182MNN1025
	2200	12.5×20	0.025	0.075	2600	EDJ1C222MNN1220
	2700	12.5×25	0.019	0.057	3200	EDJ1C272MNN1225
	3300	12.5×30	0.018	0.054	3660	EDJ1C332MNN1230
	3300	16×20	0.021	0.063	3330	EDJ1C332MNN1620
25 (1E)	3900	12.5×35	0.016	0.048	4120	EDJ1C392MNN1235W
	4700	16×25	0.017	0.051	3810	EDJ1C472MNN1625
	68	5×11	0.4	1.2	450	EDJ1E680MNN0511
	150	6.3×11	0.17	0.51	700	EDJ1E151MNN6311
	330	8×11.5	0.075	0.23	1200	EDJ1E331MNN08B5
	390	8×16	0.059	0.18	1600	EDJ1E391MNN0816
	470	10×12.5	0.053	0.16	1700	EDJ1E471MNN10C5
	560	8×20	0.041	0.13	1960	EDJ1E561MNN0820
	680	10×16	0.038	0.12	2000	EDJ1E681MNN1016
	1000	10×20	0.028	0.084	2500	EDJ1E102MNN1020
	1200	10×25	0.024	0.072	2900	EDJ1E122MNN1025
	1500	12.5×20	0.025	0.075	2600	EDJ1E152MNN1220
	1800	12.5×25	0.019	0.057	3200	EDJ1E182MNN1225
	2200	12.5×30	0.018	0.054	3660	EDJ1E222MNN1230

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
25 (1E)	2200	16×20	0.021	0.063	3330	EDJ1E222MNN1620
	2700	12.5×35	0.016	0.048	4120	EDJ1E272MNN1235W
	3300	16×25	0.017	0.051	3810	EDJ1E332MNN1625
	47	5×11	0.4	1.2	450	EDJ1V470MNN0511
35 (1V)	100	6.3×11	0.17	0.51	700	EDJ1V101MNN6311
	180	8×11.5	0.075	0.23	1200	EDJ1V181MNN08B5
	220	8×16	0.059	0.18	1600	EDJ1V221MNN0816
	270	8×16	0.059	0.18	1600	EDJ1V271MNN0816
	270	10×12.5	0.053	0.16	1700	EDJ1V271MNN10C5
	330	8×20	0.041	0.13	1960	EDJ1V331MNN0820
	330	10×12.5	0.053	0.16	1700	EDJ1V331MNN10C5
	390	8×20	0.041	0.13	1960	EDJ1V391MNN0820
	390	10×16	0.038	0.12	2000	EDJ1V391MNN1016
	470	10×16	0.038	0.12	2000	EDJ1V471MNN1016
	560	10×20	0.028	0.084	2500	EDJ1V561MNN1020
	680	10×25	0.024	0.072	2900	EDJ1V681MNN1025
	820	12.5×20	0.025	0.075	2600	EDJ1V821MNN1220
	1000	12.5×20	0.025	0.075	2600	EDJ1V102MNN1220
	1200	12.5×25	0.019	0.057	3200	EDJ1V122MNN1225
	1500	12.5×30	0.018	0.054	3660	EDJ1V152MNN1230
	1500	16×20	0.021	0.063	3330	EDJ1V152MNN1620
	1800	12.5×35	0.016	0.048	4120	EDJ1V182MNN1235W
	1800	16×25	0.017	0.051	3810	EDJ1V182MNN1625
50 (1H)	27	5×11	0.48	1.5	310	EDJ1H270MNN0511
	56	6.3×11	0.22	0.66	500	EDJ1H560MNN6311
	100	8×11.5	0.12	0.36	950	EDJ1H101MNN08B5
	120	8×11.5	0.11	0.33	1300	EDJ1H121MNN08B5
	120	8×16	0.082	0.25	1230	EDJ1H121MNN0816
	150	10×12.5	0.073	0.22	1280	EDJ1H151MNN10C5
	180	8×16	0.081	0.24	1700	EDJ1H181MNN0816
	180	8×20	0.058	0.18	1580	EDJ1H181MNN0820
	220	10×12.5	0.071	0.21	1700	EDJ1H221MNN10C5
	220	10×16	0.053	0.16	1650	EDJ1H221MNN1016
	270	8×20	0.058	0.17	2100	EDJ1H271MNN0820
	330	10×16	0.052	0.16	2100	EDJ1H331MNN1016
	330	10×20	0.038	0.12	2060	EDJ1H331MNN1020
	390	10×25	0.032	0.1	2420	EDJ1H391MNN1025
	470	10×20	0.037	0.11	2500	EDJ1H471MNN1020
	470	12.5×16	0.04	0.12	2200	EDJ1H471MNN1216
	470	12.5×20	0.032	0.1	2300	EDJ1H471MNN1220
	560	10×25	0.031	0.093	2900	EDJ1H561MNN1025
	680	12.5×20	0.029	0.087	2700	EDJ1H681MNN1220
	680	12.5×25	0.025	0.08	2800	EDJ1H681MNN1225
	820	12.5×30	0.023	0.074	3370	EDJ1H821MNN1230
	820	16×20	0.026	0.084	3070	EDJ1H821MNN1620
	1000	12.5×25	0.022	0.066	3000	EDJ1H102MNN1225
	1000	12.5×30	0.02	0.06	3500	EDJ1H102MNN1230
	1000	12.5×35	0.021	0.067	3810	EDJ1H102MNN1235W
	1000	16×25	0.022	0.07	3510	EDJ1H102MNN1625
	1200	12.5×35	0.017	0.051	4000	EDJ1H122MNN1235W
	1200	16×20	0.023	0.069	3100	EDJ1H122MNN1620
	1500	12.5×40	0.019	0.057	4500	EDJ1H152MNN1240W
	1500	16×25	0.018	0.054	3600	EDJ1H152MNN1625
	1500	18×20	0.029	0.087	3200	EDJ1H152MNN1820
	2200	16×31.5	0.018	0.054	4100	EDJ1H222MNN16N3
	2200	18×25	0.022	0.066	3700	EDJ1H222MNN1825
	2700	16×35.5	0.016	0.048	4400	EDJ1H272MNN16P1
	2700	16×40	0.014	0.042	4800	EDJ1H272MNN1640
	2700	18×31.5	0.019	0.057	4200	EDJ1H272MNN18N3

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EDJ Series

STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
50 (1H)	3300	18×35.5	0.016	0.048	4600	EDJ1H332MNN18P1
	3900	18×40	0.014	0.042	5000	EDJ1H392MNN1840
63 (1J)	18	5×11	0.71	3.2	240	EDJ1J180MNN0511
	47	6.3×11	0.28	1.3	420	EDJ1J470MNN6311
	82	8×11.5	0.18	0.79	720	EDJ1J820MNN08B5
	100	8×11.5	0.13	0.39	1000	EDJ1J101MNN08B5
	100	8×16	0.13	0.58	990	EDJ1J101MNN0816
	120	8×16	0.095	0.29	1300	EDJ1J121MNN0816
	120	10×12.5	0.11	0.44	990	EDJ1J121MNN10C5
	150	8×20	0.096	0.43	1200	EDJ1J151MNN0820
	150	10×12.5	0.08	0.24	1300	EDJ1J151MNN10C5
	180	8×20	0.069	0.21	1600	EDJ1J181MNN0820
	180	10×16	0.076	0.31	1200	EDJ1J181MNN1016
	220	10×16	0.058	0.17	1700	EDJ1J221MNN1016
	270	10×20	0.056	0.23	1570	EDJ1J271MNN1020
	270	12.5×16	0.072	0.27	1570	EDJ1J271MNN1216
	330	10×20	0.042	0.13	2000	EDJ1J331MNN1020
	330	10×25	0.046	0.19	1990	EDJ1J331MNN1025
	330	12.5×16	0.045	0.14	1900	EDJ1J331MNN1216
	390	10×25	0.035	0.11	2400	EDJ1J391MNN1025
	390	12.5×20	0.041	0.13	1990	EDJ1J391MNN1220
	470	12.5×20	0.033	0.099	2400	EDJ1J471MNN1220
	470	12.5×25	0.031	0.093	2460	EDJ1J471MNN1225
	560	12.5×30	0.028	0.084	2760	EDJ1J561MNN1230
	560	16×20	0.032	0.096	2380	EDJ1J561MNN1620
	680	12.5×25	0.025	0.075	2800	EDJ1J681MNN1225
	680	12.5×35	0.024	0.072	3040	EDJ1J681MNN1235W
	820	12.5×30	0.022	0.066	3200	EDJ1J821MNN1230
	820	16×20	0.025	0.075	2900	EDJ1J821MNN1620
	820	16×25	0.025	0.075	2890	EDJ1J821MNN1625
	1000	12.5×35	0.018	0.054	3500	EDJ1J102MNN1235W
	1000	16×25	0.02	0.06	3200	EDJ1J102MNN1625
	1200	12.5×40	0.021	0.063	3800	EDJ1J122MNN1240W
	1200	18×20	0.032	0.096	3000	EDJ1J122MNN1820
	1500	16×31.5	0.02	0.06	3500	EDJ1J152MNN16N3
	1500	18×25	0.024	0.072	3200	EDJ1J152MNN1825
	1800	16×35.5	0.017	0.051	3800	EDJ1J182MNN16P1
	1800	18×31.5	0.02	0.06	3700	EDJ1J182MNN18N3
	2200	16×40	0.015	0.045	4100	EDJ1J222MNN1640
	2200	18×35.5	0.017	0.051	3900	EDJ1J222MNN18P1
	2700	18×40	0.015	0.045	4300	EDJ1J272MNN1840
80 (1K)	12	5×11	0.72	3.2	235	EDJ1K120MNN0511
	12	5×11	1.2	5.4	220	EDJ1K120MNN0511
	27	6.3×11	0.34	1.5	390	EDJ1K270MNN6311
	27	6.3×11	0.46	2.1	370	EDJ1K270MNN6311
	47	8×11.5	0.2	0.9	650	EDJ1K470MNN08B5
	47	8×11.5	0.29	1.3	620	EDJ1K470MNN08B5
	56	8×16	0.2	0.9	780	EDJ1K560MNN0816
	68	10×12.5	0.17	0.66	780	EDJ1K680MNN10C5
	82	8×16	0.14	0.63	820	EDJ1K820MNN0816
	82	8×20	0.16	0.66	1040	EDJ1K820MNN0820
	100	10×12.5	0.14	0.56	860	EDJ1K101MNN10C5
	100	10×16	0.11	0.47	1040	EDJ1K101MNN1016
	120	8×20	0.12	0.54	1090	EDJ1K121MNN0820
	150	10×16	0.09	0.36	1150	EDJ1K151MNN1016
	150	10×20	0.084	0.34	1430	EDJ1K151MNN1020
	150	12.5×16	0.11	0.34	1430	EDJ1K151MNN1216
	180	10×25	0.069	0.28	1620	EDJ1K181MNN1025
	220	10×20	0.068	0.28	1570	EDJ1K221MNN1020

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
80 (1K)	220	12.5×16	0.09	0.27	1430	EDJ1K221MNN1216
	220	12.5×20	0.062	0.18	1750	EDJ1K221MNN1220
	270	10×25	0.055	0.22	1780	EDJ1K271MNN1025
	270	12.5×25	0.047	0.14	2210	EDJ1K271MNN1225
	330	12.5×20	0.048	0.15	1800	EDJ1K331MNN1220
	330	12.5×30	0.042	0.13	2400	EDJ1K331MNN1230
	330	16×20	0.048	0.15	1950	EDJ1K331MNN1620
	390	12.5×25	0.038	0.12	2210	EDJ1K391MNN1225
	390	12.5×35	0.036	0.11	2600	EDJ1K391MNN1235W
	470	12.5×30	0.033	0.11	2520	EDJ1K471MNN1230
	470	12.5×40	0.032	0.095	2860	EDJ1K471MNN1240W
	470	16×20	0.036	0.12	2150	EDJ1K471MNN1620
	470	16×25	0.038	0.12	2430	EDJ1K471MNN1625
	470	18×20	0.045	0.14	2270	EDJ1K471MNN1820
	560	12.5×35	0.026	0.078	2860	EDJ1K561MNN1235W
	560	16×31.5	0.032	0.095	2640	EDJ1K561MNN16N3
	680	16×25	0.028	0.084	2620	EDJ1K681MNN1625
	680	18×20	0.032	0.096	2280	EDJ1K681MNN1820
	680	16×35.5	0.029	0.086	2860	EDJ1K681MNN16P1
	680	18×25	0.036	0.11	2500	EDJ1K681MNN1825
	820	16×31.5	0.022	0.066	2900	EDJ1K821MNN16N3
	820	16×40	0.027	0.081	3510	EDJ1K821MNN1640
	820	18×31.5	0.03	0.09	2860	EDJ1K821MNN18N3
	1000	16×35.5	0.02	0.06	3150	EDJ1K102MNN16P1
	1000	18×25	0.027	0.081	2750	EDJ1K102MNN1825
	1000	18×35.5	0.027	0.081	3510	EDJ1K102MNN18P1
	1200	16×40	0.018	0.054	3710	EDJ1K122MNN1640
	1200	18×31.5	0.02	0.06	3150	EDJ1K122MNN18N3
	1200	18×40	0.026	0.076	3860	EDJ1K122MNN1840
	1500	18×35.5	0.018	0.054	3710	EDJ1K152MNN18P1
	1800	18×40	0.017	0.051	4060	EDJ1K182MNN1840
100 (2A)	8.2	5×11	0.72	3.2	235	EDJ2A8R2MNN0511
	8.2	5×11	1.2	5.4	220	EDJ2A8R2MNN0511
	18	6.3×11	0.34	1.5	390	EDJ2A180MNN6311
	18	6.3×11	0.46	2.1	370	EDJ2A180MNN6311
	33	8×11.5	0.2	0.9	650	EDJ2A330MNN08B5
	33	8×11.5	0.29	1.3	620	EDJ2A330MNN08B5
	47	8×16	0.14	0.63	820	EDJ2A470MNN0816
	47	8×16	0.2	0.9	780	EDJ2A470MNN0816
	56	10×12.5	0.14	0.56	860	EDJ2A560MNN10C5
	56	10×12.5	0.17	0.66	780	EDJ2A560MNN10C5
	68	8×20	0.12	0.54	1090	EDJ2A680MNN0820
	68	8×20	0.16	0.66	1040	EDJ2A680MNN0820
	82	10×16	0.09	0.36	1150	EDJ2A820MNN1016
	82	10×16	0.11	0.47	1040	EDJ2A820MNN1016
	100	10×20	0.084	0.34	1430	EDJ2A101MNN1020
	100	12.5×16	0.11	0.34	1430	EDJ2A101MNN1216
	120	10×20	0.068	0.28	1570	EDJ2A121MNN1020
	120	10×25	0.069	0.28	1620	EDJ2A121MNN1025
	120	12.5×16	0.09	0.27	1430	EDJ2A121MNN1216
	150	10×25	0.055	0.22	1780	EDJ2A151MNN1025
	150	12.5×20	0.062	0.18	1750	EDJ2A151MNN1220
	180	12.5×20	0.048	0.15	1800	EDJ2A181MNN1220
	220	12.5×25	0.038	0.12	2210	EDJ2A221MNN1225
	220	12.5×25	0.047	0.14	2210	EDJ2A221MNN1225
	270	12.5×30	0.033	0.11	2520	EDJ2A271MNN1230
	270	12.5×30	0.042	0.13	2400	EDJ2A271MNN1230
	270	16×20	0.048	0.15	1950	EDJ2A271MNN1620
	330	12.5×35	0.036	0.11	2600	EDJ2A331MNN1235W

ALUMINUM ELECTROLYTIC CAPACITORS



EDJ Series

◆ STANDARD RATINGS

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
100 (2A)	330	16×20	0.036	0.12	2150	EDJ2A331MNN1620
	390	12.5×35	0.026	0.078	2860	EDJ2A391MNN1235W
	390	12.5×40	0.032	0.095	2860	EDJ2A391MNN1240W
	390	16×25	0.028	0.084	2620	EDJ2A391MNN1625
	390	16×25	0.038	0.12	2430	EDJ2A391MNN1625
	390	18×20	0.032	0.096	2280	EDJ2A391MNN1820
	390	18×20	0.045	0.14	2270	EDJ2A391MNN1820
	470	16×31.5	0.032	0.095	2640	EDJ2A471MNN16N3
	470	18×25	0.036	0.11	2500	EDJ2A471MNN1825
	560	16×31.5	0.022	0.066	2900	EDJ2A561MNN16N3
	560	16×35.5	0.029	0.086	2860	EDJ2A561MNN16P1
	560	18×25	0.027	0.081	2750	EDJ2A561MNN1825
	560	18×31.5	0.03	0.09	2860	EDJ2A561MNN18N3
	680	16×35.5	0.02	0.06	3150	EDJ2A681MNN16P1
	680	16×40	0.027	0.081	3510	EDJ2A681MNN1640
	680	18×31.5	0.02	0.06	3150	EDJ2A681MNN18N3
	680	18×35.5	0.027	0.081	3510	EDJ2A681MNN18P1
	820	16×40	0.018	0.054	3710	EDJ2A821MNN1640
	820	18×35.5	0.018	0.054	3710	EDJ2A821MNN18P1
	820	18×40	0.026	0.076	3860	EDJ2A821MNN1840
	1000	18×40	0.017	0.051	4060	EDJ2A102MNN1840

WV (Vdc)	Cap (μF)	Case Size (mm) ΦD×L	IMPD. (Ωmax/ 100kHz)		Rated Ripple current (mA rms/ 105°C, 100kHz)	Part Number
			20°C	-10°C		
120 (3A)	33	8×16	0.25	1	585	EDJ3A330MNN0816
	47	8×20	0.19	0.76	735	EDJ3A470MNN0820
	56	10×16	0.17	0.72	780	EDJ3A560MNN1016
	82	10×20	0.12	0.52	1040	EDJ3A820MNN1020
	100	10×25	0.1	0.43	1250	EDJ3A101MNN1025
	120	10×28	0.09	0.38	1400	EDJ3A121MNN1028
	120	12.5×20	0.085	0.31	1430	EDJ3A121MNN1220
	150	12.5×25	0.21	0.84	1620	EDJ3A151MNN1225
	180	12.5×30	0.18	0.72	1880	EDJ3A181MNN1230
	180	16×20	0.17	0.65	1700	EDJ3A181MNN1620
	220	12.5×35	0.15	0.6	2140	EDJ3A221MNN1235W
	270	12.5×40	0.12	0.48	2340	EDJ3A271MNN1240W
	270	16×25	0.13	0.49	2100	EDJ3A271MNN1625
	270	18×20	0.14	0.52	1850	EDJ3A271MNN1820
	330	16×31.5	0.1	0.38	2400	EDJ3A331MNN16N3
	390	16×35.5	0.085	0.32	2600	EDJ3A391MNN16P1
	390	18×25	0.1	0.37	2270	EDJ3A391MNN1825
	470	16×40	0.075	0.29	2860	EDJ3A471MNN1640
	470	18×31.5	0.08	0.3	2470	EDJ3A471MNN18N3
	560	18×35.5	0.07	0.26	2860	EDJ3A561MNN18P1
	680	18×40	0.06	0.22	3510	EDJ3A681MNN1840

◆ RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

Cap(μF)	Frequency (Hz)			
	120	1K	10K	100K
8.2~33	0.42	0.70	0.90	1.00
47~270	0.50	0.73	0.92	1.00
330~680	0.55	0.77	0.94	1.00
820~1800	0.60	0.80	0.96	1.00
2200~8200	0.70	0.85	0.98	1.00