

Axial Aluminum Electrolytic Capacitor – JAA

FEATURES

- 85°C, 2000hours assured
- Low Leakage Current
- 2 Rubber Type
- For general purpose application



SPECIFICATIONS

Operating Temperature Range (°C) -40°C ~ +85°C

Capacitance Tolerance (20°C, 120Hz) ±20%

Voltage Range 6.3 ~ 160 WV

Surge Voltage (V) (20°C)	WV	6.3	10	16	25	35	50	63	100	160
	SV	8	13	20	32	44	63	79	125	200

Leakage Current (µA) (20°C) $I \leq 0.005CV$ or 1 (µA) Whichever is greater
(after 3 minutes applying the rated DC working voltage at 20°C)

where: C = rated capacitance in µF.

V = rated DC working voltage in V.

Dissipation Factor (Tan δ) (at 20°C, 120Hz)	WV	6.3	10	16	25	35	50	63	100	160
	DF	24	20	16	14	12	10	10	10	20

For capacitors whose capacitance exceeds 1,000µF, the specification of tanδ is increased by 0.02 for every addition of 1,000µF.

Low Temperature Characteristics Impedance ratio at 120Hz.

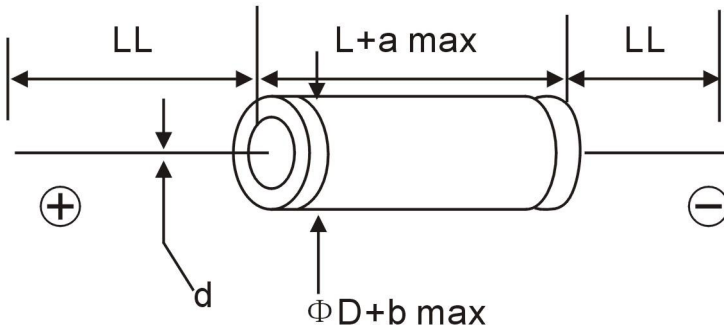
Comparison Z \ WV	6.3	10	16	25	35	50	63	100	160
-25°C / +20°C	4	3	2	2	2	2	3	2	3
-40°C / +20°C	8	6	4	4	4	2	3	3	--

Load Life After 2000 hours application of rated voltage at 85°C, capacitors meet the characteristics requirements listed at right

Capacitance Charge	Less than ±25% of initial value
Dissipation Factor	Less than 200% of specified value
Leakage Current	Initial specified value of less

Shelf Life After leaving capacitors under no load at 85°C for 500 hours and applying voltage they meet the specified value for load life characteristics listed above.

DIMENSIONS (mm)



Lead Diameter

ØD	5	6.3	8	10	13	16	18	22	25
Ød	0.5	0.6			0.8				
a	1.0			2.0					
b	0.5			1.0					

Please visit our website to get more update data, those data & specification are subject to change without notice.

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DIMENSIONS: Diameter (DØ) x Length (L) mm

RIPPLE CURRENT. mA at 85°C, 120Hz

V.DC	25V		35V		63V		100V		160V	
µF	ØDxL	mA	ØDxL	mA	ØDxL	mA	ØDxL	mA	ØDxL	mA
3.3	--	--	--	--	--	--	--	--	8x16	33
4.7	--	--	--	--	--	--	--	--	8x16	39
10	--	--	--	--	--	--	--	--	10x16	60
22	--	--	--	--	--	--	8x16	120	--	--
33	--	--	--	--	8x16	130	10x20	150	--	--
47	--	--	--	--	8x16	160	10x20	190	--	--
100	--	--	8x16	210	8x20	260	13x26	340	--	--
220	8x16	280	10x16	240	13x26	480	16x30	560	--	--
330	10x16	380	10x20	460	13x26	650	16x30	750	--	--
470	10x16	510	10x25	610	16x30	840	19x40	970	--	--
1000	10x25	900	13x26	1060	16x35	1330	22x40	1540	--	--
2200	16x30	1480	16x30	1580	22x42	2160	--	--	--	--
3300	16x32	1710	18x36	2050	--	--	--	--	--	--
4700	18x36	2170	--	--	--	--	--	--	--	--
6800	22x42	2580	--	--	--	--	--	--	--	--

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