

ALUMINUM ELECTROLYTIC CAPACITORS

- Load life of 2000 hours at 105°C
- High ripple current
- Used for computers powers, Hi-ripple circuit of electric vehicle, electric train, general-purpose inverter etc.

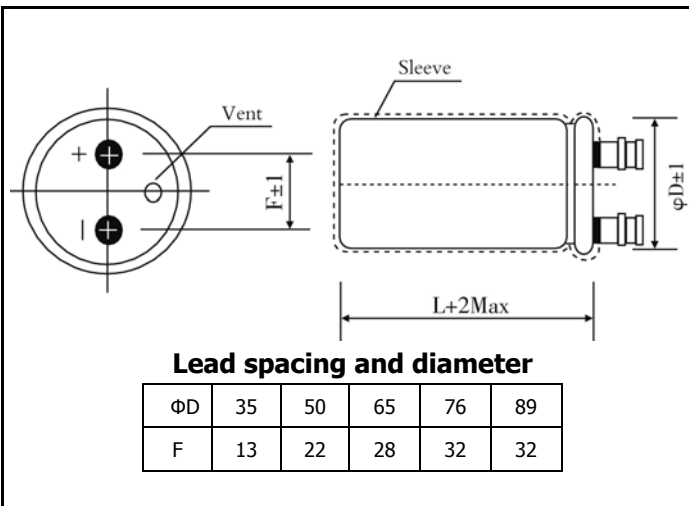
SPECIFICATIONS

Item	Characteristics								
Operating Temperature Range(°C)	-25~+105								
Rated Voltage Range (V)	160~450								
Nominal capacitance range (μF)	270~39000								
Capacitance Tolerance(20°C,120Hz)	±20%								
Leakage current (μA)	$I \leq 0.02CV$ or 5mA, whichever is smaller.(at 20°C, after 5 minutes) C: Nominal capacitance (μF) V: Rated voltage (V)								
Dissipation Factor(20°C,120Hz)	<table border="1"> <tr> <td>Rated Voltage (V)</td> <td>160~250</td> <td>350~450</td> </tr> <tr> <td>tanδ</td> <td>0.25</td> <td>0.20</td> </tr> </table>	Rated Voltage (V)	160~250	350~450	tanδ	0.25	0.20		
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DIMENSIONS

MM

MULTIPLIER FOR RIPPLE CURRENT



Frequency coefficient

Frequency(Hz)	50,60	120	300	1K	≥10K
Coefficient	0.7	1.0	1.10	1.30	1.40

Temperature coefficient

Temperature(°C)	+70	+85	+105
Coefficient	2.1	1.7	1.0

■ STANDARD RATINGS

WV(V)	160		200		250		350		400		450	
Cap(μF)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)
270	-	-	-	-	-	-	-	-	-	-	35X53	3.7
330	-	-	-	-	-	-	-	-	35X53	4.1	35X83	4.9
389	-	-	-	-	-	-	35X53	4.5	35X83	5.3	35X83	4.3
470	-	-	-	-	-	-	35X83	5.8	35X83	5.8	35X83	5.6
560	-	-	-	-	-	-	35X83	6.4	35X100	6.4	35X100	6.9
680	-	-	-	-	-	-	35X83	7.0	35X100	7.6	35X100	7.6
820	-	-	-	-	-	-	35X100	8.3	35X100	8.3	50X75	8.6
1000	-	-	-	-	-	-	50X75	9.2	50X75	9.4	50X75	9.4
1200	-	-	-	-	-	-	50X75	10.3	50X75	10.3	50X96	11.4
1500	-	-	-	-	35X100	8.7	50X96	11.5	50X96	12.7	50X115	13.7
1800	-	-	-	-	35X100	9.5	50X96	13.9	50X96	13.9	50X130	15.8
2200	-	-	35X100	10.6	50X75	10.8	50X130	15.4	50X115	17.4	65X96	17.0
2700	-	-	35X121	12.7	50X75	12.0	50X130	19.3	50X130	18.8	65X110	20.2
3300	35X121	14.0	50X75	13.3	50X96	14.6	65X115	21.4	65X115	22.2	65X130	23.4
3890	50X75	14.4	50X75	14.4	50X115	17.0	65X130	24.2	65X130	25.4	76X110	25.6
4700	50X75	15.8	50X96	17.4	65X96	19.2	65X130	27.9	65X130	28.2	76X130	29.4
5600	50X96	19.0	50X115	20.4	65X96	21.0	76X115	30.7	76X130	32.2	76X157	34.6
6800	50X96	21.0	50X130	12.7	65X115	24.7	76X155	35.4	76X155	38.0	89X157	40.5
8200	50X115	24.7	65X96	25.4	65X115	27.1	76X155	41.7	89X157	44.4	89X157	44.6
10000	65X96	28.0	65X96	28.0	65X130	31.5	89X157	49.0	89X157	49.4	89X196	53.9
12000	65X96	30.6	76X96	32.6	76X115	34.8	89X157	54.1	89X196	59.1	89X236	63.8
15000	65X130	38.6	76X96	39.0	76X130	40.8	89X196	66.2	89X236	71.1	-	-
18000	65X130	42.2	76X130	44.6	76X155	57.8	86X236	76.9	-	-	-	-
22000	76X130	49.4	76X155	53.0	89X157	56.5	-	-	-	-	-	-
27000	76X130	54.7	89X131	58.2	-	-	-	-	-	-	-	-
33000	89X131	65.2	89X157	69.0	-	-	-	-	-	-	-	-
39000	90X157	75.3	-	-	-	-	-	-	-	-	-	-

■ Ripple Current: 40°C, 100 or 120Hz.

The specific capacitance and case size are available on request.