

SEI CAPACITORS

SEI Capacitors, Inc.

335 Beinoris Drive, Wood Dale, IL 60191

Phone: 773-774-6666

Fax: 773-774-6690

www.capacitorindustries.com

CD92L SERIES

Aluminum Electrolytic Capacitors

- Features:
- Long rated life of 2,000 hours at 85 °C
 - High ripple current
 - Extremely low impedance



SPECIFICATION

Operating Temperature Range (°C)	-40 ~ +85							
Rated Voltage Range (V)	10 ~ 100							
Nominal Capacitance Range (µF)	1,000 ~ 220,000							
Capacitance Tolerance (20 °C, 120 Hz)	± 20%							
Leakage Current (20 °C)	$I \leq 0.006CV + 4 \text{ (}\mu\text{A) or } 5 \text{ mA}$ (whichever is smaller; after 5 minutes) C = Nominal capacitance (µF); V = Rated voltage (V)							
Dissipation Factor (20 °C, 120 Hz)	Rated Voltage (V)	10	16	25	50	63	100	
	D.F.	D=35	0.50	0.40	0.30	0.25	0.20	0.15
		D=50	0.75	0.50	0.40	0.30	0.25	0.20
		D=64	1.00	0.75	0.50	0.35	0.30	0.25
D=76		1.50	1.00	0.75	0.50	0.40	0.35	
Load Life (+85 °C)	Time	2,000 hours						
	Leakage Current	Not more than the initial specified value						
	Capacitance Change	Within ± 20% of the initial value						
	Dissipation Factor	Not more than 200% of the specified value						
Shelf Life (+85 °C)	Time	500 hours						
	Leakage Current	Not more than the initial specified value						
	Capacitance Change	Within ± 15% of the initial value						
	Dissipation Factor	Not more than 150% of the specified value						

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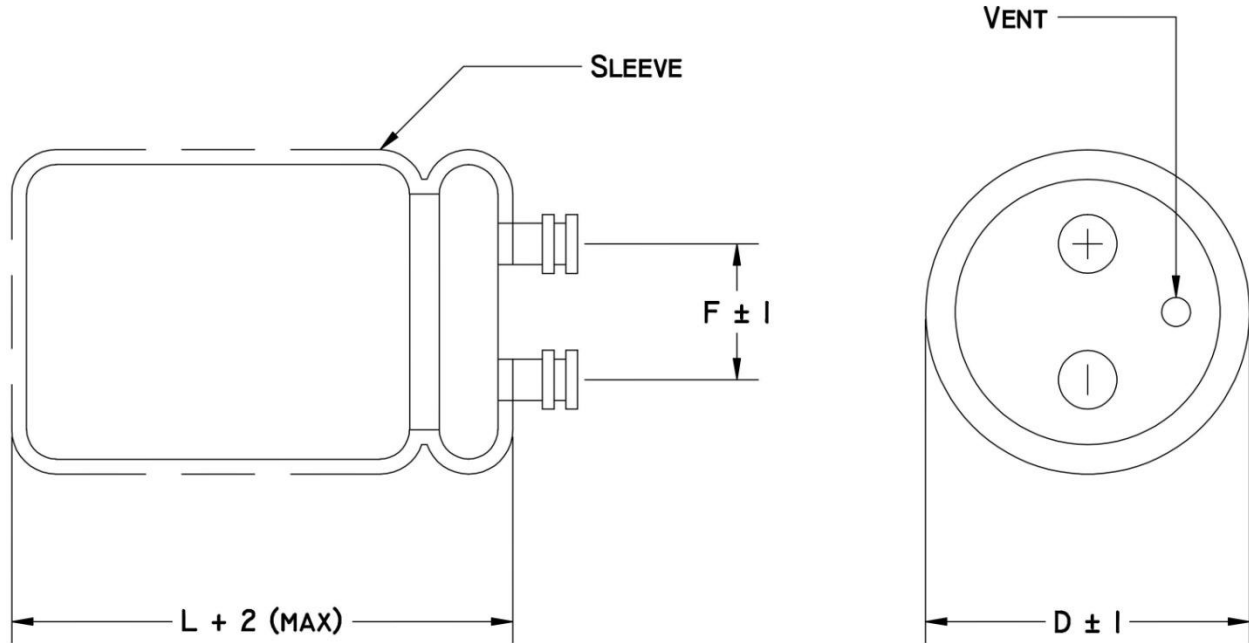
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DIMENSIONS



Dimensions are in millimeters (mm)

D	35	50	64	76
F	12.7	21.8	28.2	31.4

RIPPLE CURRENT MULTIPLIER

Frequency (Hz)	50	100	400	1K	20K
Coefficient	0.7	1.0	1.08	1.10	1.15

Frequency Coefficient

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STANDARD RATINGS

uF \ WV	10			16			25		
	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)
1,000	-	-	-	-	-	-	-	-	-
1,500	-	-	-	-	-	-	-	-	-
2,200	-	-	-	-	-	-	-	-	-
3,300	-	-	-	-	-	-	-	-	-
4,700	-	-	-	-	-	-	35 X 60	23	5.2
6,800	-	-	-	-	-	-	35 X 60	21	5.2
10,000	-	-	-	35 X 60	20	6	35 X 80	15	6.7
15,000	35 X 60	20	6	35 X 80	14	7.5	35 X 100	11	9.7
22,000	35 X 80	14	7.5	35 X 100	10	10	50 X 80	9.5	12.5
33,000	35 X 100	10	10	50 X 80	9.5	13	50 X 100	8.0	18
47,000	50 X 80	9.5	14	50 X 100	8.0	18	64 X 100	5.0	27
68,000	50 X 100	8.0	18	64 X 100	5.0	28	64 X 100	5.0	27
100,000	64 X 100	5.0	30	64 X 100	5.0	28	76 X 100	4.0	37
150,000	64 X 100	5.0	30	76 X 100	4.0	37	-	-	-
220,000	76 X 100	4.0	37	-	-	-	-	-	-

uF \ WV	50			63			100		
	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)	Size D x L (mm)	Impedance Z (mOhm)	Ripple (A)
1,000	-	-	-	-	-	-	35 X 60	67	3.0
1,500	-	-	-	-	-	-	35 X 60	60	3.3
2,200	-	-	-	35 X 60	33	3.7	35 X 80	42	4.6
3,300	35 X 60	32	4.5	35 X 60	30	3.7	35 X 100	28	6.5
4,700	35 X 60	33	4.5	35 X 80	21	5.2	50 X 80	25	7.4
6,800	35 X 80	23	6	35 X 100	15	7.5	50 X 100	18	9.9
10,000	35 X 100	17	7.5	50 X 80	14	9.5	64 X 100	11	15.0
15,000	50 X 80	13	10	50 X 100	10.5	13.5	64 X 100	10	15.8
22,000	50 X 100	10.5	15	64 X 100	6.0	21	76 X 100	8	20.5
33,000	64 X 100	6.0	21	64 X 100	6.0	22	-	-	-
47,000	64 X 100	6.0	22	76 X 100	4.5	30	-	-	-
68,000	76 X 100	4.5	30	-	-	-	-	-	-

Ripple Current: 85 °C, 100 Hz or 120 Hz; Impedance: 20 °C, 20 KHz.

Specific capacitance and case sizes are available upon request.