

SEI CAPACITORS

SEI Capacitors, Inc.

335 Beinoris Drive, Wood Dale, IL 60191

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www.capacitorindustries.com

CD13N SERIES

Aluminum Electrolytic Capacitors

- Features:
- Long rated life of 2,000 hours at 85 °C
 - Medium and high voltage
 - Large capacitance
 - Screw terminals
 - High ripple current
 - Used in storing energy of electric welder, UPS, AC, etc.



SPECIFICATION

Operating Temperature Range (°C)	-40 ~ +85	-25 ~ +85								
Rated Voltage Range (V)	160 ~ 250	350 ~ 450								
Nominal Capacitance Range (µF)	220 ~ 18,000									
Capacitance Tolerance (20 °C, 120 Hz)	± 20%									
Leakage Current (µA)	I ≤ 0.02CV or 5 mA (whichever is smaller) C = Nominal capacitance (µF); V = Rated voltage (V)									
Dissipation Factor (20 °C, 120 Hz)	≤ 0.25									
Load Life (+85 °C)	<table border="1"> <thead> <tr> <th>Time</th> <th>2,000 hours</th> </tr> </thead> <tbody> <tr> <td>Leakage Current</td> <td>Not more than the initial specified value</td> </tr> <tr> <td>Capacitance Change</td> <td>Within ± 15% of the initial value</td> </tr> <tr> <td>Dissipation Factor</td> <td>Not more than 175% of the specified value</td> </tr> </tbody> </table>		Time	2,000 hours	Leakage Current	Not more than the initial specified value	Capacitance Change	Within ± 15% of the initial value	Dissipation Factor	Not more than 175% of the specified value
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SEI-CAPACITORS

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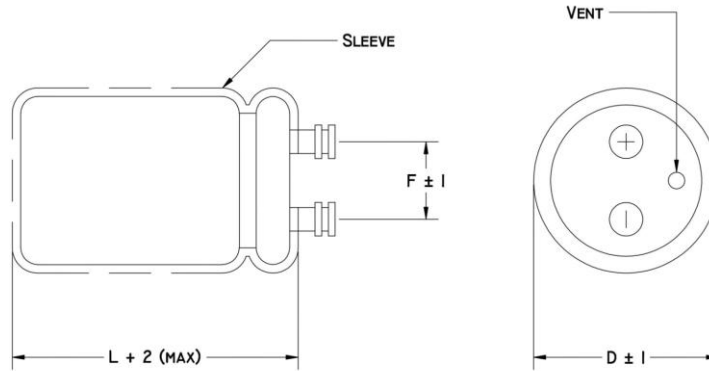
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DIMENSIONS



Dimensions are in millimeters (mm)

D	35	50	65	80
F	13	22	28	32

STANDARD RATINGS

WV uF	160		200		250		350		400		450	
	D x L (mm)	Ripple (A)	D x L (mm)	Ripple (A)	D x L (mm)	Ripple (A)	D x L (mm)	Ripple (A)	D x L (mm)	Ripple (A)	D x L (mm)	Ripple (A)
220											35x60	0.86
330									35x60	1.9	35x80	1.1
470							35x60	1.5	35x80	2.3	35x100	1.4
680			35x60	1.7	35x60	1.5	35x80	1.8	35x100	2.5	50x80	1.8
1,000	35x60	1.7	35x80	2.3	35x80	1.9	50x80	2.3	50x80	2.8	50x100	2.4
1,500	35x80	2.3	35x100	2.9	50x80	2.5	50x100	3.0	50x100	3.1	65x100	3.1
2,200	35x100	2.9	50x80	3.8	50x100	3.5	65x100	3.9	65x120	3.8	65x120	4.0
3,300	50x80	3.8	50x100	4.8	65x100	4.7	65x120	5.3	65x120	5.1	80x120	5.4
4,700	50x100	4.8	65x100	6.3	65x120	5.7	80x120	7.0	80x120	6.7	80x140	6.2
6,800	65x100	6.3	65x120	7.8	80x120	7.3	80x140	7.8	80x140	7.5		
10,000	65x120	7.8	80x120	10.6	80x140	8.2						
15,000	80x120	10.6	80x140	11.8								
18,000	80x140	11.8										

Ripple Current: 85 °C, 100 Hz or 120 Hz; Specific capacitance and case sizes are available upon request.