

# SEI CAPACITORS

SEI Capacitors, Inc.

335 Beinoris Drive, Wood Dale, IL 60191

Phone: 773-774-6666

Fax: 773-774-6690

www.capacitorindustries.com

## CD95 SERIES

Aluminum Electrolytic Capacitors

- Features:
- Long rated life of 2,000 hours at 85 °C
  - Axial type
  - For general electronic products applications



### SPECIFICATION

Operating Temperature Range (°C)	-40 ~ +85					
Rated Voltage Range (V)	6.3 ~ 160					
Nominal Capacitance Range (uF)	0.47 ~ 10,000					
Capacitance Tolerance (20 °C, 120 Hz)	± 20%					
Leakage Current (uA)	Rated Voltage (V)	CV ≤ 1,000		CV > 1,000		
		I ≤ 0.05CV or 5 Whichever is greater		I ≤ 0.03CV+20		
C = Nominal capacitance (uF); V = Rated voltage (V)						
Dissipation Factor (20 °C, 120 Hz)	Rated Voltage (V)	6.3	10	16		
	D.F.	0.3~0.5	0.3~0.5	0.2~0.4		
	Rated Voltage (V)	25	35	50		
	D.F.	0.15 ~ 0.4	0.15 ~ 0.3	0.15 ~ 0.3		
	Rated Voltage (V)	63	100	160		
	D.F.	0.1~0.3	0.1~0.2	0.1~0.2		
Temperature Stability (120 Hz)	Rated Voltage (V)	6.3	6.3~16	25~63	100~160	
	Impedance Ratio	Z-40°C/Z+20°C	100~160	100~160	100~160	100~160
		Z-40°C/Z+20°C	7	5	4	-

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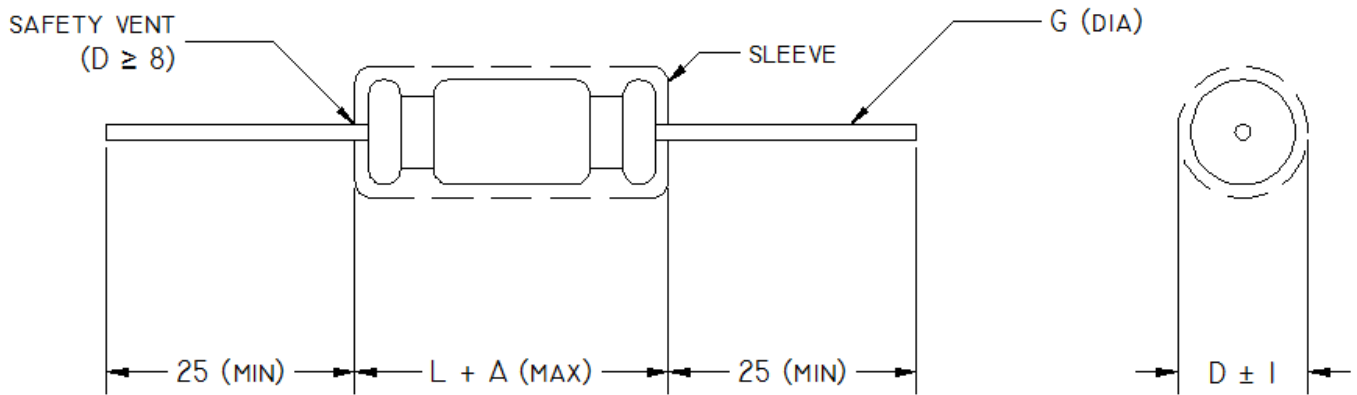
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Load Life (+85 °C)	Time	2,000 hours
	Leakage Current	Not more than the initial specified value
	Capacitance Change	Within $\pm 20\%$ of the initial value
	Dissipation Factor	Not more than 200% of the specified value
Shelf Life (+85 °C)	Time	1,000 hours
	Leakage Current	Not more than the initial specified value
	Capacitance Change	Within $\pm 20\%$ of the initial value
	Dissipation Factor	Not more than 200% of the specified value

## DIMENSIONS



Dimensions are in millimeters (mm)

D	$\pm 0.5$			$\pm 1.0$		
	5	6	8	10	12	16, 19, 22
G $\pm 0.1$	0.5 or 0.6			0.6 or 0.8		0.8 or 1.0
A	$\pm 2.0$ (L $\leq 45$ ) $\pm 3.0$ (L $> 45$ )					

Lead spacing and diameter

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## STANDARD RATINGS

uF \ WV	6.3	10	16	25	35	50	63	100	160
	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)	DxL (mm)
0.47	-	-	-	5x12	-	5x12	-	5x12	6x16
1	-	-	-	5x12	-	5x12	5x12	5x12	6x16
1.5	-	-	-	5x12	-	5x12	5x12	5x12	6x16
2.2	-	-	-	5x12	-	5x12	5x12	5x12	6x16
3.3	-	-	-	5x12	-	5x12	5x12	6x12	8x16
4.7	-	-	-	5x12	5x12	5x12	5x12	6x12	8x16
6.8	-	-	5x12	5x12	5x12	5x12	6x12	8x16	10x16
10	-	-	5x12	5x12	5x12	5x16	6x12	8x16	10x16
15	-	5x12	5x12	5x12	6x12	6x16	6x16	10x16	10x20
22	-	5x12	5x12	5x12	6x12	6x16	6x16	10x16	12x25
33	5x12	5x12	5x12	6x12	6x16	8x16	8x16	10x16	12x25
47	5x12	5x12	6x12	6x16	8x16	8x16	8x20	10x25	12x30
68	5x12	6x16	6x16	6x16	8x20	10x16	10x16	12x25	16x35
100	6x12	6x16	6x16	8x16	8x20	10x16	10x20	12x25	16x35
150	6x16	8x16	8x16	10x16	10x16	10x25	12x25	16x35	19x40
220	6x16	8x16	8x20	10x16	10x20	10x25	12x25	16x35	19x40
330	8x16	8x20	10x16	10x20	10x25	12x30	12x30	19x35	-
470	10x16	10x16	10x16	10x20	12x25	12x30	16x30	22x30	-
680	10x16	10x16	12x25	12x25	16x30	16x35	19x35	22x40	-
1000	10x20	10x20	12x25	12x25	16x30	16x35	19x35	-	-
1500	12x25	12x25	12x30	16x30	19x30	19x40	22x40	-	-
2200	12x25	12x25	12x30	19x35	19x30	22x40	22x50	-	-
3300	12x35	12x30	16x35	19x35	22x40	22x50	22x50	-	-
4700	12x35	16x35	19x35	19x35	22x40	22x50	-	-	-
6800	19x35	16x35	22x35	22x40	-	-	-	-	-
10000	19x35	19x40	22x35	22x50	-	-	-	-	-

Specific capacitance and case sizes are available upon request.