



- High CV Product
- Screw Terminals
- Suitable for use in most demanding applications requiring high current filtering or energy storage
- Custom Designs Available Upon Request

GENERAL SPECIFICATIONS

Operating Temperature:

- 25°C to +85°C

Voltage Range:

600 WVDC to 630 WVDC

Capacitance Range: 1000µF to 5600µF

Capacitance Tolerance:

± 20% (600-630 WVDC)

DC Leakage Current:

$I = .006 \text{ VCV}$ after 5 minutes

Not to exceed 6mA

C = Capacitance in µf

V = Rated Voltage

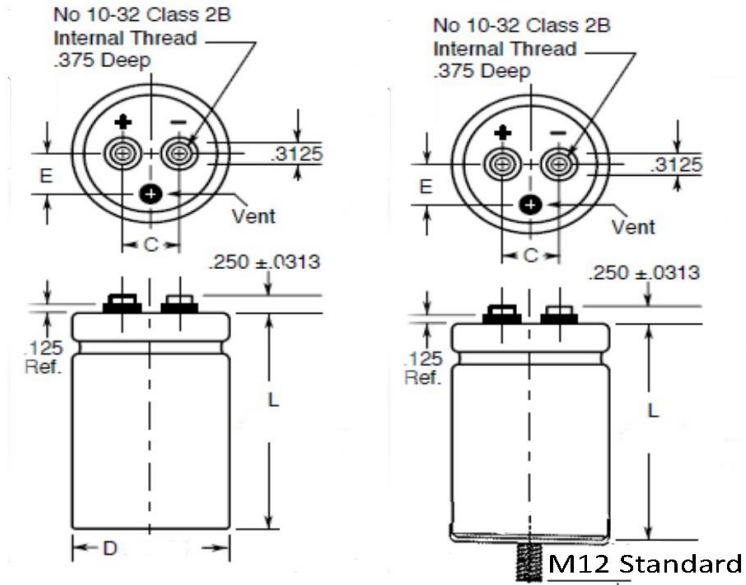
I = Leakage Current in mA

QA Stability Test:

Apply WVDC for 2,000 hours at 85°C

- Capacitance change ≤ 10% from initial limits
- DC leakage current meets initial limits
- ESR ≤ 175% of initial measured value

High Post (H) (Standard)



- * Special Terminals are available upon request:
- Low Post, Low Resistance Screw Mount (1/4 - 28 Thread)
 - High Post Metric Thread
 - Low Post Metric Thread
 - High Post, Low Resistance Screw Mount (1/4 - 28 Thread)

Add .015 inches to diameter and .045 inches to length for PVC insulating sleeve.

Aluminum Electrolytic Capacitors N636 Series

NationCap

Rated Voltage (VDC)	Capacitance(μ F)	Diameter (mm / Inches)	Height (mm / Inches)
600VDC; 650VDC Surge	1200	64.0 / 2.520	96.0 / 3.780
	1300	64.0 / 2.520	103.0 / 4.055
	1500	64.0 / 2.520	115.0 / 4.528
	1800	77.0 / 3.03	96.0 / 3.780
	2200	77.0 / 3.03	115.0 / 4.528
	2700	77.0 / 3.03	130.0 / 5.120
	3000	77.0 / 3.03	155.0 / 6.102
	3300	77.0 / 3.03	155.0 / 6.102
	3300	90.0 / 3.543	131.0 / 5.157
	3300	77.0 / 3.03	171.0 / 6.732
	3900	77.0 / 3.031	195.0 / 7.677
	4700	90.0 / 3.543	157.0 / 6.181
630VDC; 650VDC Surge	1000	64.0 / 2.520	130.0 / 5.118
	1200	77.0 / 3.03	115.0 / 4.528
	1500	77.0 / 3.03	130.0 / 5.120
	1800	77.0 / 3.03	155.0 / 6.102
	2200	90.0 / 3.543	131.0 / 5.157
	2700	90.0 / 3.543	157.0 / 6.181
	3300	90.0 / 3.543	171.0 / 6.732
	3900	90.0 / 3.543	196.0 / 7.716
	4700	101.0 / 3.976	220.0 / 8.661
	5600	101.0 / 3.976	220.0 / 8.661