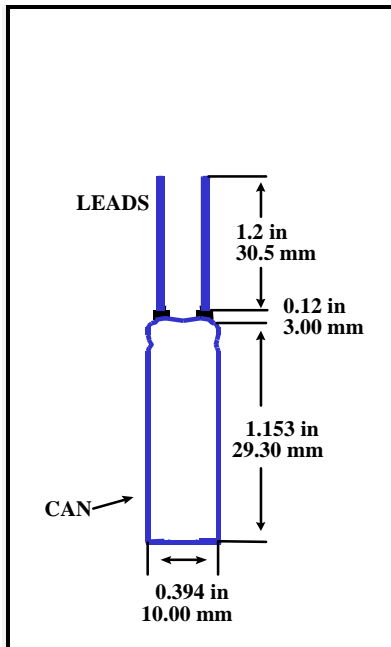


## Aerogel Capacitor



### SPECIFICATIONS

Operating Voltage:	0 to 3.0 V Max
Nominal Capacitance:	1.6 F @ 1A
Nominal Capacity:	1.13 mAh
Nominal Weight:	4.50 g (0.159 oz.)
ESR:	< 40 mΩ @ 1 kHz
Leakage Current:	< 30 μA
Cycle Life:	> 400,000 cycles
Operating Temp.	-20°C to 50°C

### OPERATING INSTRUCTIONS

- Use the capacitor according to the specified operating temperature range, and do not apply voltage exceeding the specified capacitor voltage rating.
- Do not place a soldering iron near or on the body of the capacitor to avoid the sleeves of the capacitors from deforming or cracking under high temperature.
- PolyStor's Aerogel Capacitors (U.S. Patent 5,260,855) have very high peak power capabilities during both charge and discharge. Exercise common sense precautions when handling or testing.
- DO NOT overcharge, crush, mutilate, nail penetrate, reverse polarity, expose to high temperatures or disassemble.
- Utilizing two or more capacitors in series will require capacitor balancing.

## ADVANCED ENERGY STORAGE PRODUCTS