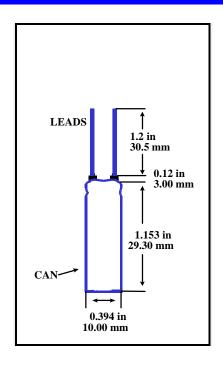
Aerogel Capacitor



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: $< 40 \text{ m}\Omega$ @ 1 kHz

Leakage Current: $< 30 \mu A$

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

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Information Subject to Change without notice

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