

ENERGIZER CR2450

Lithium Coin

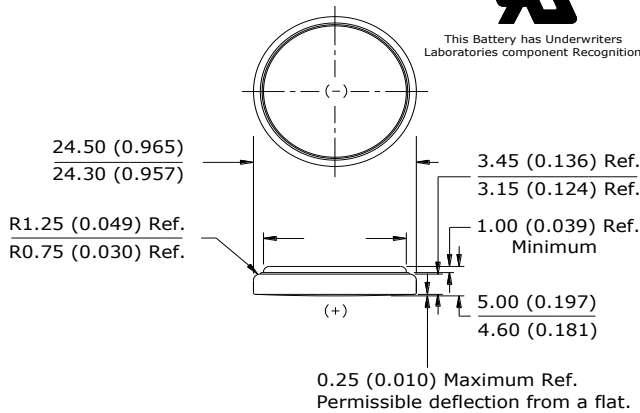


Industry Standard Dimensions

mm (inches)



This Battery has Underwriters Laboratories component Recognition



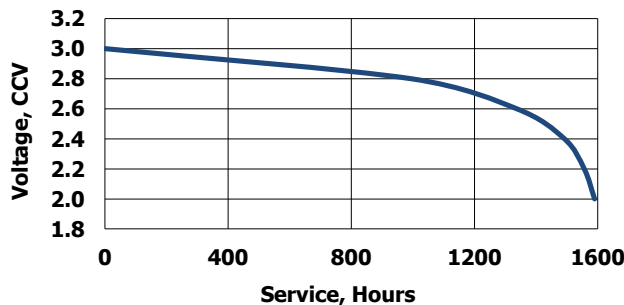
Simulated Application test

Typical Performance at 21°C (70°F)

| Schedule: | Typical Drains: at 2.9V (mA) | Load (ohms) | Cutoff 2.0V (hours) |
|------------|------------------------------------|----------------|---------------------------|
| Continuous | 0.39 | 7,500 | 1,590 |

Typical Discharge Characteristics

Load: 7.5K ohms - Continuous
Typical Drain @ 2.9V: 0.39 mA

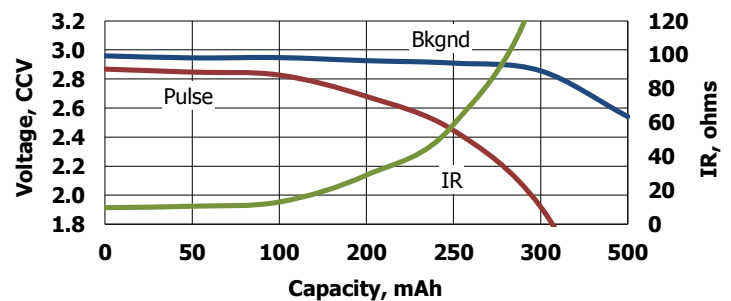


Internal Resistance Characteristics

Pulse Test at 21°C (70°F)

Bkgnd Drain: Continuous
7.5K ohms
0.39 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day
300 ohms
9.0 mA @2.7V



Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.
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Specifications

| | |
|----------------------------|--|
| Classification: | "Lithium Coin" |
| Chemical System: | Lithium / Manganese Dioxide (Li/MnO ₂) |
| Designation: | ANSI / NEDA-5029LC, IEC-CR2450 |
| Nominal Voltage: | 3.0 Volts |
| Typical Capacity: | 620 mAh (to 2.0 volts) (Rated at 7.5K ohms at 21°C) |
| Typical Weight: | 6.8 grams (0.22 oz.) |
| Typical Volume: | 2.4 cubic centimeters (0.14 cubic inch) |
| Max Rev Charge: | 1 microampere |
| Energy Density: | 183 milliwatt hr/g, 647 milliwatt hr/cc |
| Typical Li Content: | < 0.3g |
| UL Recognized: | MH29980 |
| Operating Temp: | -30C to 60C |
| Self Discharge: | ~1% / year |

Safety:



(1) KEEP OUT OF REACH OF CHILDREN. Swallowing may lead to serious injury or death in as little as 2 hours due to chemical burns and potential perforation of the esophagus. **Immediately see doctor; have doctor phone (202) 625-3333.**

(2) Battery compartment design. To prevent children from removing batteries, battery compartments should be designed with one of the following methods: a) a tool such as screwdriver or coin is required to open battery compartment or b) the battery compartment door/cover requires the application of a minimum of two independent and simultaneous movements of the securing mechanism to open by hand. Screws should remain captive with the battery door or cover.