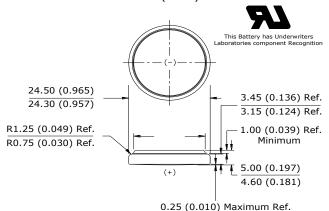


## **ENERGIZER CR2450**



## **Industry Standard Dimensions**

mm (inches)



Permissible deflection from a flat.

## **Simulated Application test**

Typical Performance at 21°C (70°F)

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

## **Typical Discharge Characteristics**

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



Pack Quantity : 2

Manufacturers Part Number: 638179

# Lithium Coin

### **Specifications**

Classification: "Lithium Coin"

**Chemical System:** Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>) **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

#### 

- (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.

#### **Internal Resistance Characteristics**

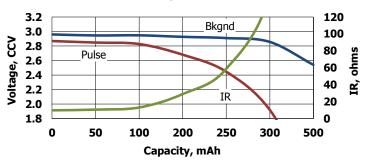
Pulse Test at 21°C (70°F)

**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



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