

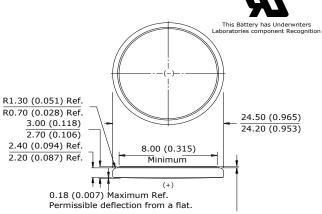
# **ENERGIZER CR2430**

# Lithium Coin Specifications



## **Industry Standard Dimensions**

mm (inches)



0.10 (0.004) Minimum Ref. (Applies to top edge of gasket or edge of crimp, whichever is higher.)

## **Simulated Application test**

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V		2.0V
	(mA)	(ohms)	(hours)
Continuous	0.29	10,000	1,000

# **Typical Discharge Characteristics**

Load: 10K ohms - Continuous Typical Drain @ 2.9V: 0.29 mA



Classification: "Lithium Coin"

**Chemical System:** Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>) **Designation:** ANSI / NEDA-5011LC, IEC-CR2425

Nominal Voltage: 3.0 Volts

**Typical Capacity:** 290 mAh (to 2.0 volts) (Rated at 10K ohms at 21°C)

**Typical Weight:** 4.6 grams (0.16 oz.)

**Typical Volume:** 1.3 cubic centimeters (0.08 cubic inch)

Max Rev Charge: 1 microampere

**Energy Density:** 183 milliwatt hr/g, 647 milliwatt hr/cc

**Typical Li Content:** 0.21 grams (0.0074 oz.)

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**

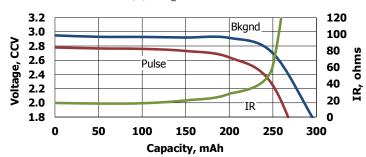
Pulse Test at 21°C (70°F)

**Bkgnd Drain:** Continuous

10K ohms 0.29 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day

300 ohms 9.3 mA @2.7V



#### **Important Notice**

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

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