

1-800-383-7323 USA/CAN www.energizer.com

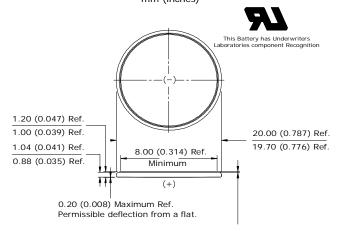
### **ENERGIZER NO. CR2012**

# Lithium Coin



### **Industry Standard Dimensions**

mm (inches)



0.03 (0.001) Minimum Ref. (Applies to top edge of gasket or edge of crimp, whichever is higher.)

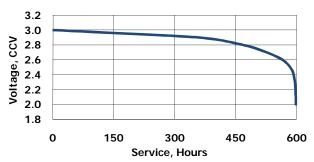
### **Simulated Application test**

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V (mA)	(ohms)	2.0V (hours)
Continuous	0.097	30,000	598

## **Typical Discharge Characteristics**

Load: 30K ohms - Continuous Typical Drain @ 2.9V: 0.097 mA



# **Specifications**

Classification: "Lithium Coin"

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

Nominal Voltage: 3.0 Volts

**Typical Capacity:** 58 mAh (to 2.0 volts) (Rated at 30K ohms at 21°C)

**Typical Weight:** 1.3 grams (0.04 oz.)

**Typical Volume:** 0.3 cubic centimeters (0.02 cubic inch)

Max Rev Charge: 1 microampere

**Energy Density:** 129 milliwatt hr/g, 561 milliwatt hr/cc

Typical Li Content: 0.017 grams (0.0006 oz.)

UL Listed: MH12454

Shipping: For complete details, please reference:
Global (except US): Special Provision A45 of the International

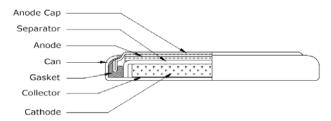
Air Transport Association Dangerous

**Goods Regulations** 

United States: 49 CFR 173.185

**Safety** - lithium coin batteries lodged in the esophagus should be removed immediately. Leakage, chemical burns and potential perforation can occur within hours of ingestion. Seek medical attention immediately. Have physician call the NATIONAL BATTERY INGESTION HOTLINE for advice and follow-up (202)-625-3333) collect day or night.

#### **Cross Section**



#### Internal Resistance Characteristics

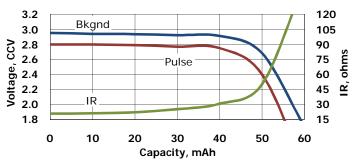
Pulse Test at 21°C (70°F)

**Bkgnd Drain:** Continuous

30K ohms 0.097 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day

400 ohms 6.8 mA @2.7V



#### **Important Notice**

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

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