

# **ENERGIZER CR1620**

# **Industry Standard Dimensions** mm (inches)

2.00 (0.079) 1.80 (0.071) 1.65 (0.065) Ref. 1.50 (0.059) Ref. 15.90 (0.626) (+) 0.20 (0.008) Maximum Ref. Permissible deflection from a flat.

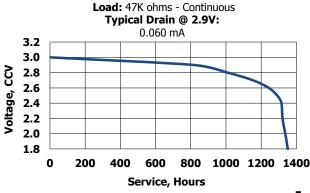
> 0.03 (0.001) Minimum Ref. (Applies to top edge of gasket or edge of crimp, whichever is higher.)

# **Simulated Application test**

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V		2.0V
	(mA)	(ohms)	(hours)
Continuous	0.06	47,000	1337

# **Typical Discharge Characteristics**



# Lithium Coin

## **Specifications**

Classification: "Lithium Coin"

**Chemical System:** Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>) **Designation:** ANSI / NEDA-5009LC, IEC-CR1620

Nominal Voltage: 3.0 Volts

Typical Capacity: 81 mAh (to 2.0 volts)

(Rated at 47K ohms at 21°C)

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

**Typical Volume:** 0.4 cubic centimeters (0.02 cubic inch)

Max Rev Charge: 1 microampere

**Energy Density:** 164 milliwatt hr/g, 573 milliwatt hr/cc

**Typical Li Content:** 0.043 grams (0.0015 oz.)

Operating Temp: -30C to 60C Self Discharge: ~1% / year

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- (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 (800) 498-8666.**
- (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**

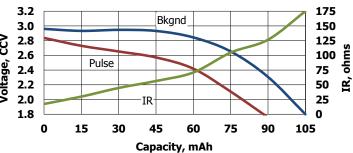
Pulse Test at 21°C (70°F)

**Bkgnd Drain:** Continuous

47K ohms 0.060 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day

400 ohms 6.5 mA @2.6V



#### **Important Notice**

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

Contents herein do not constitute a warranty and are for reference only.

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