

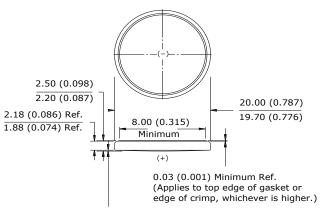
# **ENERGIZER CR2025**





## **Industry Standard Dimensions**

mm (inches)



0.20 (0.008) Maximum Ref. 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	0.193	15.000	845

# **Typical Discharge Characteristics**

Load: 15K ohms - Continuous Typical Drain @ 2.9V: 0.193 mA



### **Specifications**

Classification: "Lithium Coin"

**Chemical System:** Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>) **Designation:** ANSI / NEDA-5003LC, IEC-CR2025

Nominal Voltage: 3.0 Volts

**Typical Capacity:** 163 mAh (to 2.0 volts) (Rated at 15K ohms at 21°C)

**Typical Weight:** 2.6 grams (0.08 oz.)

**Typical Volume:** 0.8 cubic centimeters (0.05 cubic inch) **Max Rev Charge:** 1 microampere

**Energy Density:** 176 milliwatt hr/g, 616 milliwatt hr/cc

**Typical Li Content:** 0.078 grams (0.0028 oz.)

**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.

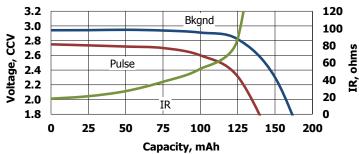
#### Internal Resistance Characteristics

Pulse Test at 21°C (70°F)

**Bkgnd Drain:** Continuous 15K ohms 0.193 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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