**ENERGIZER CR2016**

**Industry Standard Dimensions**

![Image of industry standard dimensions]

**Typical Discharge Characteristics**

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

**Internal Resistance Characteristics**

- **Bkgnd Drain:**
  - Continuous 30K ohms
  - 0.1 mA @2.9V

- **Pulse Drain:** 2 seconds X 12 times/day
  - 400 ohms
  - 6.8 mA @2.7V

**Specifications**

- **Classification:** "Lithium Coin"
- **Chemical System:** Lithium / Manganese Dioxide (Li/MnO$_2$)
- **Designation:** ANSI / NEDA-5000LC, IEC-CR2016
- **Nominal Voltage:** 3.0 Volts
- **Typical Capacity:** 100 mAh (to 2.0 volts)
  - (Rated at 30K ohms at 21°C)
- **Typical Weight:** 1.9 grams (0.07 oz.)
- **Typical Volume:** 0.5 cubic centimeters (0.03 cubic inch)
- **Max Rev Charge:** 1 microampere
- **Energy Density:** 122 milliwatt hr/g, 464 milliwatt hr/cc
- **Typical Li Content:** 0.036 grams (0.0013 oz.)
- **Operating Temp:** -30°C to 60°C
- **Self Discharge:** ~1% / year

**Safety**

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.

**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.**