**ENERGIZER CR1632**

**Industry Standard Dimensions**

mm (inches)

- 3.20 (0.126)
- 3.00 (0.118)
- 16.00 (0.630)
- 15.75 (0.620)

**Classification:** "Lithium Coin"

**Chemical System:** Lithium / Manganese Dioxide (Li/MnO₂)

**Nominal Voltage:** 3.0 Volts

**Typical Capacity:** 130 mAh (to 2.0 volts)

**Typical Weight:** 1.8 grams (0.06 oz.)

**Typical Volume:** 0.5 cubic centimeters (0.03 cubic inch)

**Max Rev Charge:** 1 microampere

**Energy Density:** 209 milliwatt hr/g, 754 milliwatt hr/cc

**Typical Li Content:** 0.036 grams (0.0013 oz.)

**Operating Temp:** -30°C to 60°C

**Self Discharge:** ~1% / year

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**Specifications**

**Load Cutoff**

<table>
<thead>
<tr>
<th>Load (ohms)</th>
<th>Continuous</th>
<th>15,000</th>
<th>684</th>
</tr>
</thead>
</table>

**Typical Capacity**

<table>
<thead>
<tr>
<th>Voltage, CCV</th>
<th>1.8</th>
<th>2.0</th>
<th>2.2</th>
<th>2.4</th>
<th>2.6</th>
<th>2.8</th>
<th>3.0</th>
<th>3.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service, Hours</td>
<td>0</td>
<td>200</td>
<td>400</td>
<td>600</td>
<td>800</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Typical Discharge Characteristics**

- **Load:** 15K ohms - Continuous
- **Typical Drain @ 2.9V:** 0.19 mA

**Internal Resistance Characteristics**

- **Bkgnd Drain:** Continuous
  - 15K ohms
  - 0.19 mA @2.9V

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

**WARNING**

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.