

## ENERGIZER CR1632



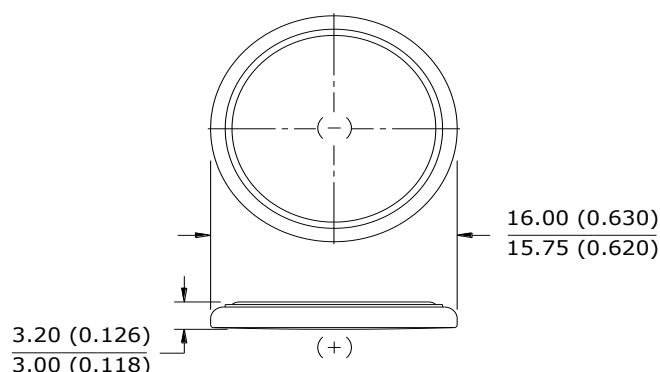
## Lithium Coin

### Specifications

|                            |                                                       |
|----------------------------|-------------------------------------------------------|
| <b>Classification:</b>     | "Lithium Coin"                                        |
| <b>Chemical System:</b>    | Lithium / Manganese Dioxide (Li/MnO <sub>2</sub> )    |
| <b>Nominal Voltage:</b>    | 3.0 Volts                                             |
| <b>Typical Capacity:</b>   | 130 mAh (to 2.0 volts)<br>(Rated at 15K ohms at 21°C) |
| <b>Typical Weight:</b>     | 1.8 grams (0.06 oz.)                                  |
| <b>Typical Volume:</b>     | 0.5 cubic centimeters (0.03 cubic inch)               |
| <b>Max Rev Charge:</b>     | 1 microampere                                         |
| <b>Energy Density:</b>     | 209 milliwatt hr/g, 754 milliwatt hr/cc               |
| <b>Typical Li Content:</b> | 0.036 grams (0.0013 oz.)                              |
| <b>Operating Temp:</b>     | -30C to 60C                                           |
| <b>Self Discharge:</b>     | ~1% / year                                            |

### Industry Standard Dimensions

mm (inches)



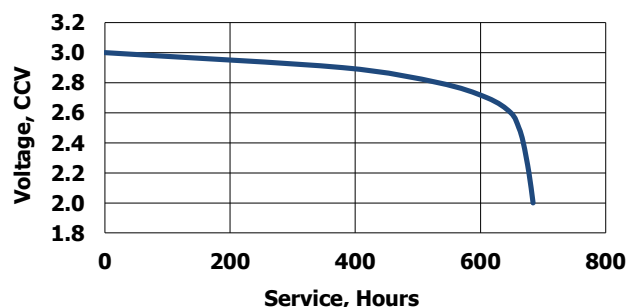
### Simulated Application test

Typical Performance at 21°C (70°F)

| Schedule:  | Typical Drains:<br>at 2.9V<br>(mA) | Load<br>(ohms) | Cutoff<br>2.0V<br>(hours) |
|------------|------------------------------------|----------------|---------------------------|
| Continuous | 0.19                               | 15,000         | 684                       |

### Typical Discharge Characteristics

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

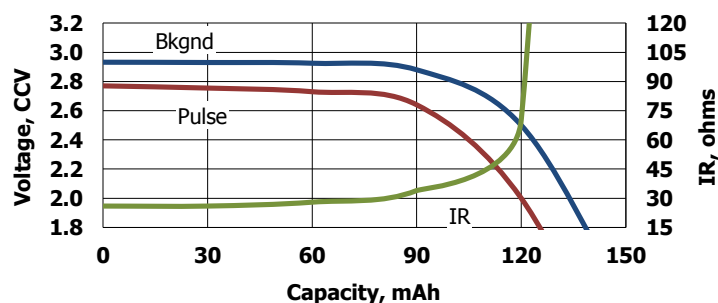


### Internal Resistance Characteristics

Pulse Test at 21°C (70°F)

**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



### 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.**