

# ENERGIZER CR2016 Ultimate Lithium

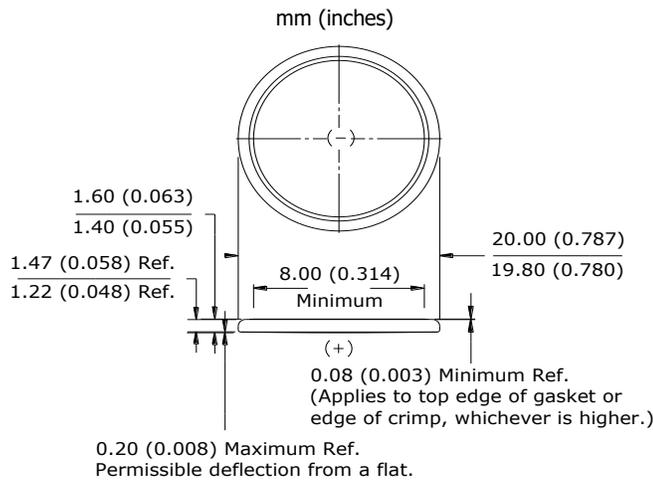
**Lithium Coin**



## General Information

**Classification:** "Lithium Coin"  
**Chemical System:** Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>)  
**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:** -30C to 60C  
**Self Discharge:** ~1% / year

## Industry Standard Dimensions



## Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains: at 2.9V (mA)	Load (ohms)	Cutoff 2.0V (hours)
Continuous	0.1	30,000	1040

## Typical Discharge Characteristics

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

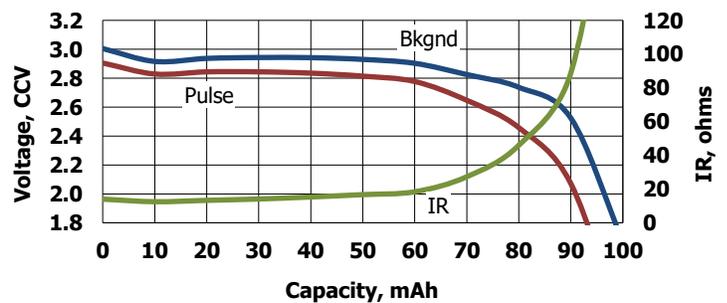


## Internal Resistance Characteristics

Pulse Test at 21°C (70°F)

**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



## 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.**