# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Lithium Coin

#### Specifications

**Classification: Chemical System: Designation: Nominal Voltage: Typical Capacity:** 

**Typical Weight:** Typical Volume: Max Rev Charge: **Energy Density: Typical Li Content: UL Listed:** 

"Lithium Coin" Lithium / Manganese Dioxide (Li/MnO<sub>2</sub>) ANSI / NEDA-5003LC, IEC-CR2025 3.0 Volts 163 mAh (to 2.0 volts) (Rated at 15K ohms at 21°C) 2.6 grams (0.08 oz.) 0.8 cubic centimeters (0.05 cubic inch) 1 microampere 176 milliwatt hr/g, 616 milliwatt hr/cc 0.078 grams (0.0028 oz.) MH12454

#### 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 (202) 625-3333.

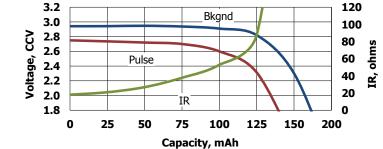
(2) Battery compartment design. To prevent children from removing batteries, battery compartments should be designed with one of the following methods: a) a tool such as screwdriver or coin is required to open battery compartment or b) the battery compartment door/cover requires the application of a 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)

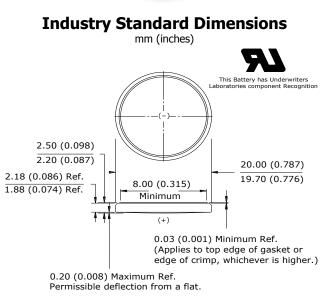
Bkgnd Drain: Continuous 15K ohms 0.193 mA @2.9V

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



#### **Important Notice**

This datasheet contains typical information specific to products manufactured at the time of its publication. ©Energizer Holdings, Inc. - Contents herein do not constitute a warranty.



ENERGIZER CR2025

#### Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	<b>Typical Drains:</b> at 2.9V (mA)	<b>Load</b> (ohms)	<b>Cutoff</b> 2.0V (hours)
Continuous	0.193	15,000	845

### **Typical Discharge Characteristics**

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

400

Service, Hours

600

800

1000

3.2

3.0

2.8

2.6

2.4

2.2

2.0

1.8

0

200

Voltage, CCV