

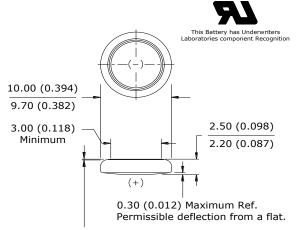
ENERGIZER CR1025

Lithium Coin



Industry Standard Dimensions

mm (inches)



0.03 (0.001) Minimum Ref. (Applies to top edge of gasket or edge of crimp, whichever is higher.)

Specifications

Classification: "Lithium Coin"

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

Designation: ANSI-5033LC, IEC-CR1025

Nominal Voltage: 3.0 Volts

Typical Capacity: 30 mAh (to 2.0 volts)

(Rated at 68K ohms at 21°C)

Typical Weight: 0.7 grams (0.02 oz.)

Typical Volume: 0.2 cubic centimeters (0.01 cubic inch)

Max Rev Charge: 1 microampere

Energy Density: 124 milliwatt hr/g, 435 milliwatt hr/cc

Typical Li Content: 0.009 grams (0.0003 oz.)

UL Recognized: MH29980
Operating Temp: -30C to 60C
Self Discharge: ~1% / year

Safety:

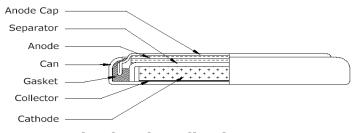
WARNING

- (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 (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.

Typical Discharge Characteristics

Load: 68K ohms - Continuous Typical Drain @ 2.9V: 0.043 mA 3.2 3.0 2.8 Voltage, CCV 2.6 2.4 2.2 2.0 1.8 0 200 400 600 800 Service, Hours

Cross Section



Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V		2.0V
	(mA)	(ohms)	(hours)
Continuous	0.043	68,000	721

Pack Quantity : 1

Manufacturers Part Number: E300163500

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