

ENERGIZER CR1616

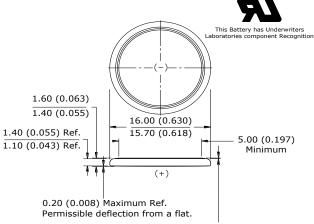






Industry Standard Dimensions

mm (inches)



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

Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains:	Load	Cutoff
	at 2.9V		2.0V
	(mA)	(ohms)	(hours)
Continuous	0.097	30,000	567

Typical Discharge Characteristics

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



Classification: "Lithium Coin"

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

Designation: IEC-CR1616 **Nominal Voltage:** 3.0 Volts

Typical Capacity: 55 mAh (to 2.0 volts) (Rated at 30K ohms at 21°C)

Typical Weight: 1.1 grams (0.04 oz.)

Typical Volume: 0.32 cubic centimeters (0.02 cubic inch)

Max Rev Charge: 1 microampere

Energy Density: 133 milliwatt hr/g, 498 milliwatt hr/cc

Typical Li Content: 0.014 grams (0.0005 oz.)

UL Recognized: MH29980
Operating Temp: -30C to 70C
Self Discharge: ~1% / year

- (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

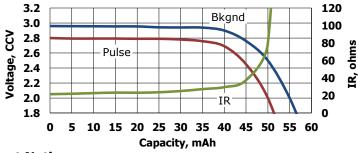
Pulse Test at 21°C (70°F)

Bkgnd Drain: Continuous

30K ohms 0.097 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day

400 ohms 6.6 mA @2.65V



Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.

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