

ENERGIZER CR1620

Lithium Coin

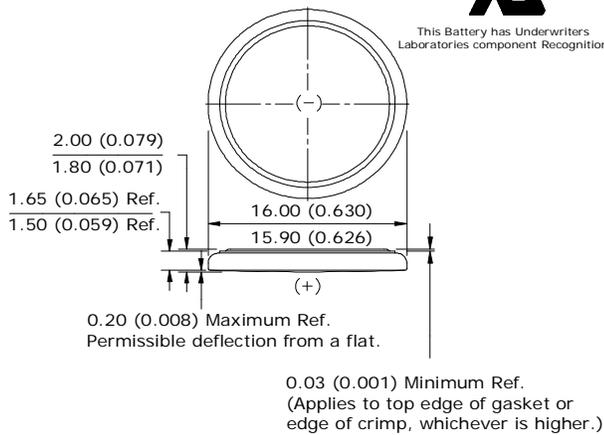


Industry Standard Dimensions

mm (inches)



This Battery has Underwriters Laboratories component Recognition

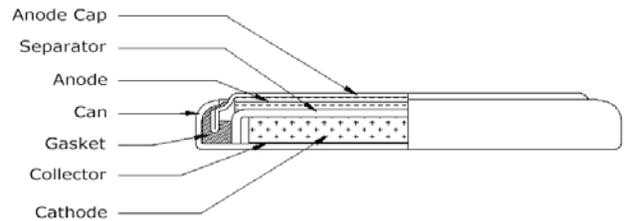


Specifications

- Classification:** "Lithium Coin"
- Chemical System:** Lithium / Manganese Dioxide (Li/MnO₂)
- Designation:** ANSI / NEDA-5009LC, IEC-CR1616
- Nominal Voltage:** 3.0 Volts
- Typical Capacity:** 79 mAh (to 2.0 volts)
(Rated at 30K ohms at 21°C)
- Typical Weight:** 1.3 grams (0.04 oz.)
- Typical Volume:** 0.4 cubic centimeters (0.02 cubic inch)
- Max Rev Charge:** 1 microampere
- Energy Density:** 164 milliwatt hr/g, 573 milliwatt hr/cc
- Typical Li Content:** 0.043 grams (0.0015 oz.)
- UL Listed:** MH12454
- Shipping:** For complete details, please reference:
Global (except US): Special Provision A45 of the International Air Transport Association Dangerous Goods Regulations
United States: 49 CFR 173.185

Safety - lithium coin batteries lodged in the esophagus should be removed immediately. Leakage, chemical burns and potential perforation can occur within hours of ingestion. Seek medical attention immediately. Have physician call the NATIONAL BATTERY INGESTION HOTLINE for advice and follow-up (202)-625-3333 collect day or night.

Cross Section



Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains: at 2.9V (mA)	Load (ohms)	Cutoff 2.0V (hours)
Continuous	0.097	30,000	814

Internal Resistance Characteristics

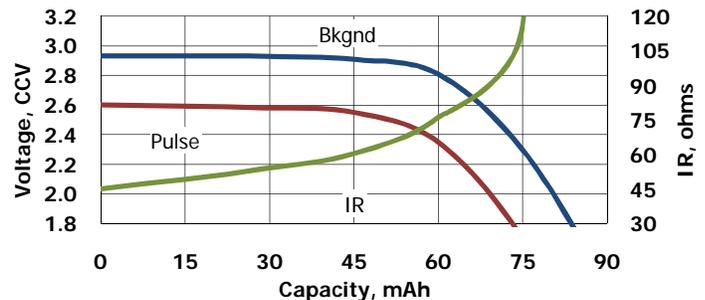
Pulse Test at 21°C (70°F)

Bkgnd Drain: Continuous
30K ohms
0.097 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day
400 ohms
6.5 mA @2.6V

Typical Discharge Characteristics

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



Important Notice

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