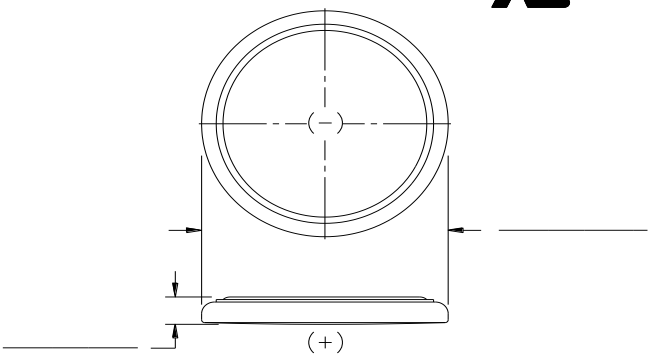
Energizer
1-800-383-7323 USA/CAN
www.energizer.com

ENERGIZER CR1632

Lithium Coin

Industry Standard Dimensions

mm (inches)



Specifications

Classification:	"Lithium Coin"
Chemical System:	Lithium / Manganese Dioxide (Li/MnO_2)
Nominal Voltage:	3.0 Volts
Typical Capacity:	130 mAh (to 2.0 volts) (Rated at 15K ohms at 21°C)
Typical Weight:	1.8 grams (0.06 oz.)
Typical Volume:	0.5 cubic centimeters (0.03 cubic inch)
Max Rev Charge:	1 microampere
Energy Density:	209 milliwatt hr/g, 754 milliwatt hr/cc
Typical Li Content:	0.036 grams (0.0013 oz.)
UL Listed:	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.

Simulated Application test

Typical Performance at 21°C (70°F)

Schedule:	Typical Drains: at 2.9V (mA)	Load (ohms)	Cutoff 2.0V (hours)
Continuous	0.19	15,000	684

Internal Resistance Characteristics

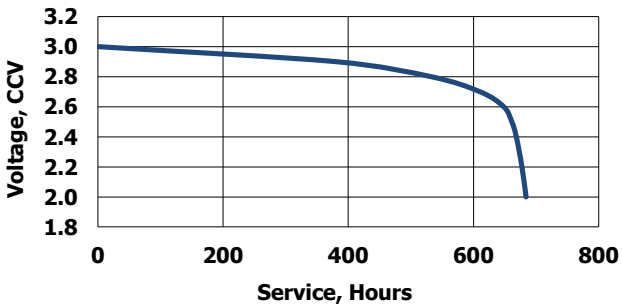
Pulse Test at 21°C (70°F)

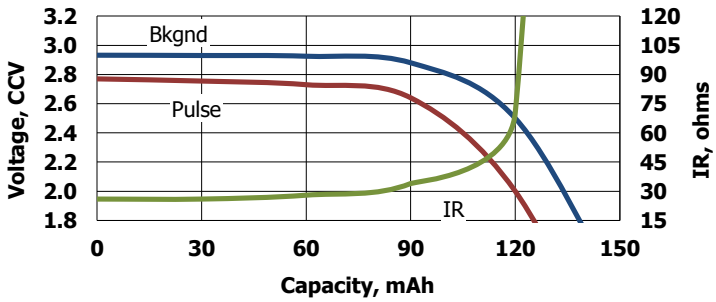
Bkgnd Drain: Continuous
15K ohms
0.19 mA @2.9V

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

Typical Discharge Characteristics

Load:
Typical Drain @ 2.9V:





Important Notice

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

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