ENERGIZER ECRN2016
Industrial

Industry Standard Dimensions
mm (inches)

1.40 (0.055)
1.60 (0.063)
1.47 (0.058) Ref.
1.22 (0.048) Ref.
8.00 (0.314)
20.00 (0.787)
19.80 (0.780)
(4)
0.08 (0.003) Minimum Ref.
(Appplies to top edge of gasket or edge of crimp, whichever is higher.)
0.20 (0.008) Maximum Ref.
Permissible deflection from a flat.

Simulated Application test
Typical Performance at 21°C (70°F)

Schedule: Typical Drains: Load Cutoff
Continuous 0.1 30,000 1040

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.
Contents herein do not constitute a warranty and are for reference only.

General Information

Classification: "Lithium Coin"
Chemical System: Lithium / Manganese Dioxide (Li/MnO₂)
Nominal Voltage: 3.0 Volts
Typical Capacity: 100 mAh (to 2.0 volts)
(Rated at 30K ohms at 21°C)
Typical Weight: 1.9 grams (0.07 oz.)
Typical Volume: 0.5 cubic centimeters (0.03 cubic inch)
Max Rev Charge: 1 microampere
Energy Density: 122 milliwatt hr/g, 464 milliwatt hr/cc
Typical Li Content: 0.036 grams (0.0013 oz.)
Operating Temp: -30°C to 60°C
Self Discharge: ~1% / year

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 (800) 498-8666.

(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
0.1 mA @2.9V

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

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