ENERGIZER CR2430

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-5011LC, IEC-CR2425
Nominal Voltage: 3.0 Volts
Typical Capacity: 290 mAh (at 2.0 volts)
(Rated at 10K ohms at 21°C)
Typical Weight: 4.6 grams (0.16 oz.)
Typical Volume: 1.3 cubic centimeters (0.08 cubic inch)
Max Rev Charge: 1 microampere
Energy Density: 183 milliwatt hr/g, 647 milliwatt hr/cc
Typical Li Content: 0.21 grams (0.0074 oz.)
UL Listed: MH12454

Shipping:
For complete details, please reference:
- 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

Internal Resistance Characteristics

Pulse Test at 21°C (70°F)

Bkgnd Drain: Continuous
10K ohms
0.29 mA @2.9V

Pulse Drain: 2 seconds X 12 times/day
300 ohms
9.3 mA @2.7V

Typical Discharge Characteristics

Load: 10K ohms - Continuous
Typical Drain @ 2.9V: 0.29 mA

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