R1.30 (0.051) Ref. R0.70 (0.028) Ref.

2.40 (0.094) Ref.

2.20 (0.087) Ref.

3.00 (0.118)

2.70 (0.106)

Schedule:

Continuous

ENERGIZER CR2430

Industry Standard Dimensions

mm (inches)

8.00 (0.315)

Minimum

(+)

Simulated Application test

Typical Performance at 21°C (70°F)

Typical Drains:

at 2.9V

(mA)

0.29

0.18 (0.007) Maximum Ref.

Permissible deflection from a flat.

This Battery has Underwriters Laboratories component Recognition

24.50 (0.965)

24.20 (0.953)

0.10 (0.004) Minimum Ref. (Applies to top edge of gasket or

edge of crimp, whichever is higher.)

Load

(ohms)

10,000

Cutoff

2.0V

(hours)

1,000

Classification: Chemical System: Designation: Nominal Voltage: **Typical Capacity:**

Typical Weight: Typical Volume: Max Rev Charge: **Energy Density:** Typical Li Content: UL Listed:

"Lithium Coin" Lithium / Manganese Dioxide (Li/MnO₂) ANSI / NEDA-5011LC, IEC-CR2425 3.0 Volts 290 mAh (to 2.0 volts) (Rated at 10K ohms at 21°C) 4.6 grams (0.16 oz.) 1.3 cubic centimeters (0.08 cubic inch) 1 microampere

183 milliwatt hr/g, 647 milliwatt hr/cc 0.21 grams (0.0074 oz.) MH29980

(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.

🗛 WARNING

(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)

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

Pulse Drain: 2 seconds X 12 times/day

300 ohms

Pulse

100

150

Capacity, mAh

9.3 mA @2.7V

Bkgnd

IR

250

200

Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication. ©Energizer Holdings, Inc. - Contents herein do not constitute a warranty.

Voltage, CCV

3.2

3.0

2.8

2.6

2.4

2.2

2.0

1.8

0

50

Typical Discharge Characteristics Load: 10K ohms - Continuous Typical Drain @ 2.9V: 0.29 mA 3.2 3.0 2.8

Voltage, CCV 2.6 2.4 2.2 2.0 1.8 200 600 800 0 400 1000 1200 Service, Hours



120

100

ohms

ų Ľ

80

60

40

20

n

300



www.energizer.com

Lithium Coin Specifications



