

ENGINEERING DATASHEET

EVEREADY BATTERY CO.

1-800-383-7323 / USA

Internet: www.energizer.com

1-800-383-7323 / CANADA + 44 (0) 208 920 2306 / EUROPE

ENERGIZER NO. CR2032



Industry Standard Dimensions in mm (inches)

THIS BATTERY HAS UNDERWRITERS LABORATORIES COMPONENT RECOGNITION

Chemical System: Lithium / Manganese Dioxide (Li/MnO2)

Designation: ANSI / NEDA-5004LC, IEC-CR2032

Battery Voltage: 3.0 Volts

Average Weight: 3.3 grams (0.12 oz.)

Volume: 1.0 cubic centimeters (0.06 cubic inch)

Average Capacity: 225 mAh to 2.0 volts

(Rated at 10k ohms continuous at 21°C)

Maximum Reverse

Charge Current: 1 microampere

Energy Density: 198 milliwatt hr/g, 653 milliwatt hr/cc

TYPICAL DISCHARGE CURVE Simulated Test @ 21°C (70°F) 3.2 3.0 **Closed Circuit Voltage** 2.8 2.6 2.4 2.2 2.0 1.8 400 800 1200 1600 2000 2400 Service, Hours

Simulated Application Test Estimated Average Service at 21°C (70°F)

	Typical Drains at 2.9V (microamperes)	Load (ohms)	Cutoff Voltage
Schedule:			

INTERNAL RESISTANCE CHARACTERISTICS

Pulse Test @ 21°C (70°F)

Schedule: Continuous for background

2 seconds X 12times/day for pulse

Typical Background Drain @ 2.9V (milliamps):

0.295 milliamperes

Typical Pulse Drain @ 2.6V (milliamps):

7.3 milliamperes

Background Load:

Pulse Load:

10k ohms

400 ohms

IR CHARACTERISTICS Pulse Test @ 21°C (70°F) 120 3.0 100 2.8 Ohms 80 2.6 PUI SE 60 2.4 2.2 40 ₹, 2.0 20 1.8 0 0 50 100 150 200 250 Capacity, mAh



Important Notice



ENGINEERING DA

EVEREADY BATTERY CO. 1-800-383-7323 / USA

1-800-268-5870 / CANADA Internet: www.energizer.com

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