



North American Headquarters
601 Rayovac Drive
Madison, WI 53711
Telephone 1-800-331-4522
Internet www.rayovac.com

Marketing Data Sheet - Batteries

S6600072
Issue E
Memo No: MDSR0104

Rayovac Stock Number: **CR2032**

Name: **CR2032 LITHIUM**

ENGINEERING DATA:

Cell Chemistry: Lithium Manganese Dioxide (Li/MnO₂)

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

Recommended Use: Watch and Calculators.

Nominal Voltage: 3 volts

Approximate Weight: 3.9 grams (.11 oz)

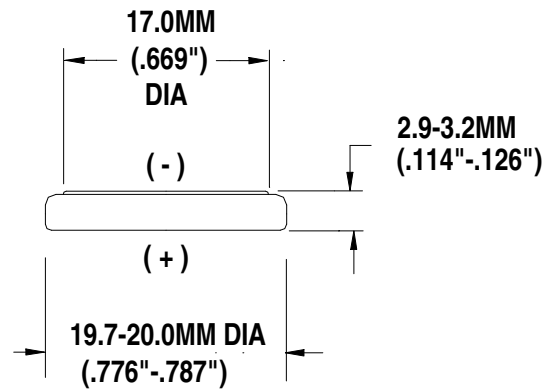
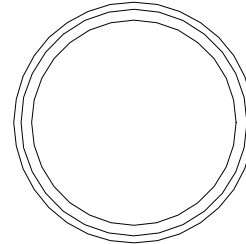
Approximate Volume: .98 CU CM (.06 CU IN)

Capacity: 220 mAh – 15k OHM 24 hour/day discharge
At 68°F (20°C) to 2.5 volts.

Internal Resistance: (Fresh) 1KHz 10mA PULSE: 20 ohm max

Storage Loss At 68°F (20°C): Less than 0.3% per year.

Environmental: [Rayovac Material Safety Data Sheets](#)



ITEM	INITIAL	AFTER 1 YEAR	AFTER 3 YEARS	60°C 100 DAYS
Off-load voltage (Min. V.)	3.1V	3.1V	3.1V	3.1V
Internal Resistance of the fresh battery 1kHz 10mA (Max Ohm)	20 ohm			
Service life at 20°C Load: 15k ohm (End point 2.5 V)	\bar{X} 1157h MIN 778h	\bar{X} 1133h MIN 762h	\bar{X} 1087h MIN 732h	\bar{X} 1041h MIN 700h

This data is subject to change. Performance information is typical. Contents herein do not constitute a warranty.