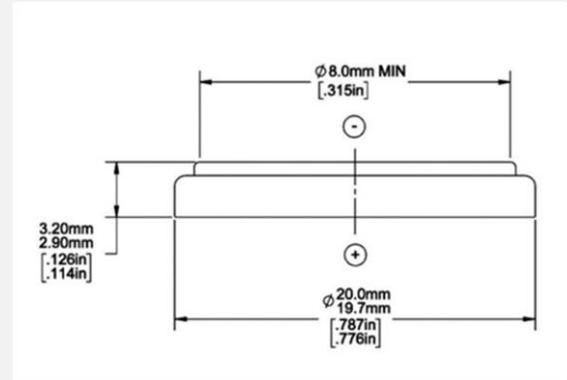


LITHIUM-MANGANESE DIOXIDE BATTERY



Size: PC2032



Dimensions shown are IEC standards

KEY FEATURES

- High voltage response, stable during most of the lifetime of the application
- Reliable Performance
- Child-Safe Markings & Retail Packaging
- Wide operating temperature range (-20°C / +60°C)
- Low self-discharge with long operating life (<2% after 1 year of storage at + 20 °C)
- Excellent resistance to corrosion
- Designed to meet all major quality, safety and environment standards:
 - Safety: IEC 60086-4
 - Transport: UN 38.3
 - REACH compliance
 - Quality: ISO 9001, Duracell World Class Continuous Program

ELECTRICAL CHARACTERISTICS

▪ Nominal capacity (15kΩ Cont., 2.0 V cut-off)	245 mAh
▪ Nominal voltage (at + 20 °C)	3.0 V
▪ Standard Continuous Discharge Current	0.5 mA
▪ Maximum Continuous Discharge Current	6 mA
▪ Maximum Pulse Discharge Current at 1 sec	20 mA
▪ Nominal Energy	735 mWh
▪ AC Impedance @ 1kHz	20Ω

PHYSICAL CHARACTERISTICS

▪ Typical weight	3.1 g (0.11 oz.)
▪ Li metal content	approx. 0.06 g
▪ Battery Case	Ni Plated SS

OPERATING & STORAGE CONDITIONS

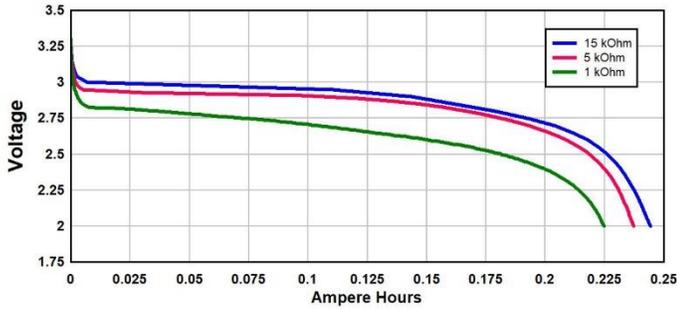
▪ Operating temperature range	-20°C to 60°C (-4°F to 140°F)
▪ Recommended Storage (storage area should be clean, cool, dry and ventilated)	5°C to 30°C (41°F to 86°F)

Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy/service life that the battery will provide for various load conditions.

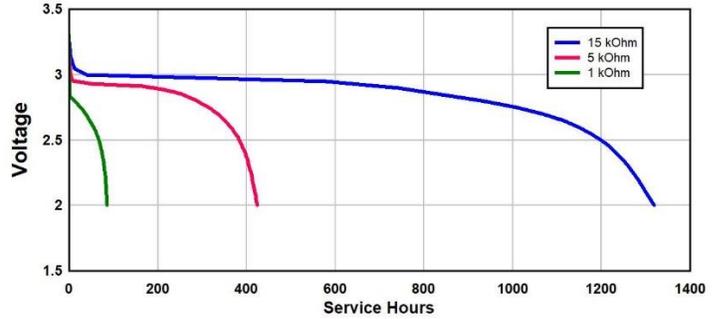
This data is subject to change. Performance information is typical. Contact Duracell for the latest information.

TYPICAL PERFORMANCE

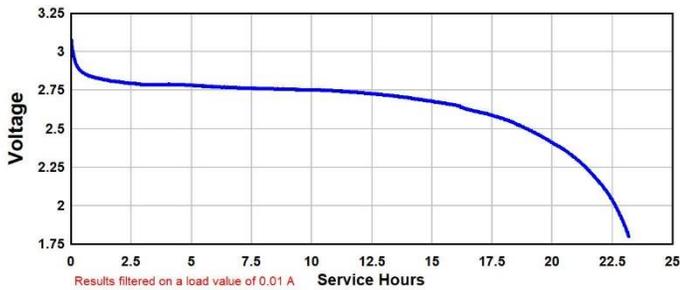
Continuous Discharge Characteristics (Capacity)



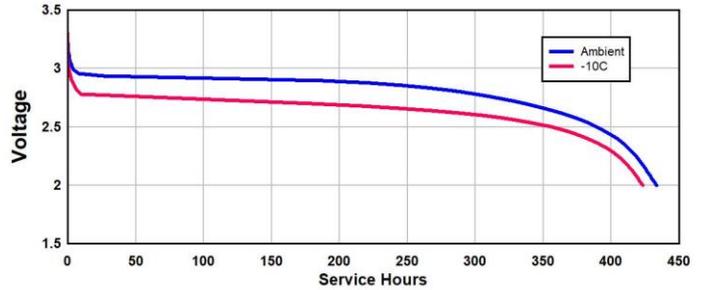
Continuous Discharge (Service Hours)



**IEC Key Fob Performance
10 mA 5s/m to 1.8V**



**Cold Temperature Discharge
5 kOhm Continuous to 2.0V**



Delivered capacity is dependent on the applied load, operating temperature and cut-off voltage. Please refer to the charts and discharge data shown for examples of the energy/service life that the battery will provide for various load conditions.

This data is subject to change. Performance information is typical. Contact Duracell for the latest information.

TYPICAL APPLICATIONS

- Medical devices
- Security devices
- Fitness devices
- Watches
- Calculators
- Wireless sensors
- Toys
- Key-Fobs & Trackers

TYPICAL APPLICATIONS

Test	Test designation	Observation
A	Altitude	Pass
B	Thermal cycling	Pass
C	Vibration	Pass
D	Shock	Pass
E	External short circuit	Pass
F	Impact	Pass
G	Crush	Pass
H	Forced discharge	Pass
I	Abnormal charging	Pass
J	Free fall	Pass
K	Thermal Abuse	Pass

WARNING

- Fire, explosion and burn hazard
- Do not recharge, short circuit, crush, disassemble, expose to heat above 100 °C (212 °F), incinerate, or expose contents to water

WARNING! KEEP BATTERIES AWAY FROM CHILDREN!

- Always keep your batteries away from children to prevent swallowing.
- If ingestion does occur, however, be aware that initial symptoms may be similar to other childhood illnesses such as coughing, drooling and discomfort.
- Battery ingestion hotline (860-498-8666)