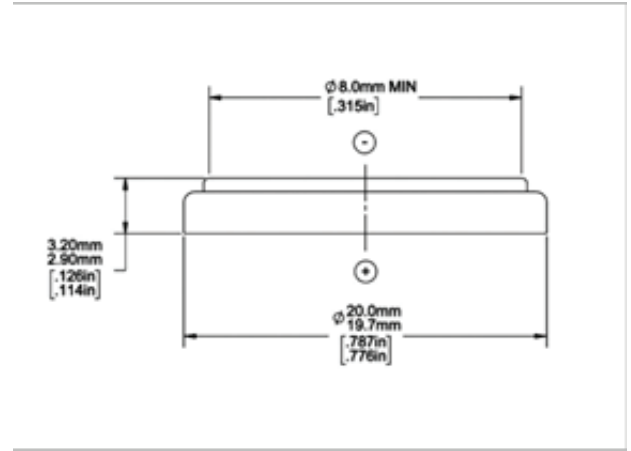


## LITHIUM-MANGANESE DIOXIDE BATTERY



Size: DURPC2032



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
- Low self-discharge with long operating life (<1% 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
  - RoHS and REACH compliance
  - Quality: ISO 9001, Duracell World Class Continuous Program

### ELECTRICAL CHARACTERISTICS

|  |         |
|--|---------|
| ▪ Nominal capacity (15 k Cont., 2.0 V cut-off) | 265 mAh |
| ▪ Open circuit voltage (at + 20 °C)            | 3.2 V   |
| ▪ Standard Continuous Discharge Current        | 0.3 mA  |
| ▪ Maximum Continuous Discharge Current         | 3 mA    |
| ▪ Maximum Pulse Discharge Current at 1 sec     | 50 mA   |
| ▪ Nominal Energy                               | 745 mWh |
| ▪ AC Impedance @ 1kHz                          | 11Ω     |

### PHYSICAL CHARACTERISTICS

|                    |                   |
|--------------------|-------------------|
| ▪ Typical weight   | 2.92 g (0.10 oz.) |
| ▪ Li metal content | approx. 0.07 g    |

### OPERATING & STORAGE CONDITIONS

|  |                                  |
|--|----------------------------------|
| ▪ Operating temperature range  | -20°C to 60°C<br>(-4°F to 140°F) |
| ▪ Recommended Storage (storage area should be clean, cool, dry and ventilated) | 5°C to 30°C<br>(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 Hamer for the latest information.


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 DYNAMICS

130 Bush Road  
 Albany, 0632  
 Telephone: 0800 239 239  
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## TYPICAL APPLICATIONS

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

## 60086-4 IEC:2007 EDITION 3.0

| 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, 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)


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