Chemical System: Manganese Dioxide (MnO₂)

Designation: IEC-LR41

Nominal Voltage: 1.5 Volts

Typical Capacity: 40 mAh (to 0.9 volts)

Rated at 22K ohms / 21°C (70°F)

Typical Weight: 0.6 grams (0.02 ounces)

Typical Volume: 0.20 cubic centimeters (0.01 cubic inch)

**Specifications**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>Dimension (mm)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.90 (0.311)</td>
<td>Minimum</td>
</tr>
<tr>
<td>7.55 (0.297)</td>
<td>3.00 (0.118) Ref.</td>
</tr>
<tr>
<td>R1.5 (0.059)</td>
<td>3.00 (0.118) Ref.</td>
</tr>
</tbody>
</table>

Typical Drains: 0.058 mA

Typical Drain @ 1.28V:

![Typical Discharge Characteristics Graph]

Depth of Discharge Test

Percent of rated Capacity at 21°C (70°F)

<table>
<thead>
<tr>
<th>% Rated Capacity</th>
<th>0%</th>
<th>40%</th>
<th>80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage, CCV</td>
<td>1.43V</td>
<td>1.10V</td>
<td>0.98V</td>
</tr>
</tbody>
</table>

**Cross Section**

- Anode Cap
- Anode Gel
- Gasket
- Cathode Can
- Separator
- Cathode

**Bulge Data**

This battery will bulge as it is discharged but will not exceed the maximum height shown on the battery drawing.

**Important Notice**

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