Chemical System: Manganese Dioxide (MnO₂)
Designation: ANSI/NEDA 1166A, IEC-LR44
Nominal Voltage: 1.5 Volts
Typical Capacity: 175 mAh* (to 0.9 volts)
Capacity Test: 6.8K ohm continuous drain at 21°C (70°F)
Typical Weight: 1.85 grams (0.07 oz.)
Typical Volume: 0.57 cubic centimeters (0.035 cubic inch)
Impedance (40 Hz): 5 to 15 ohms
Max Bulge: This battery will bulge as it is discharged, but will not exceed the maximum height shown on the battery drawing.

* Varies according to the applied load, temperature, and cutoff voltage.

Industry Standard Dimensions

![-dimensional diagram]

DESIGNED FOR ELECTRONIC APPLICATIONS WHICH MAY REQUIRE HIGH RATE PULSES

Typical Discharge Characteristics

**Typical Performance at 21°C (70°F)**

**Load:** 6.8K ohms - Continuous
**Typical Drain @ 1.30V:** 0.191 mA
**Hours to 0.9V:** 915

![discharge characteristic graph]

Depth of Discharge

**Typical Performance at 21°C (70°F)**

**Load:** 6.8K ohms - Continuous
**Typical Drain @ 1.30V:** 0.191 mA
**Hours to 0.9V:** 915

**Voltage, CCV:**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>0%</th>
<th>40%</th>
<th>80%</th>
</tr>
</thead>
<tbody>
<tr>
<td>21°C (70°F)</td>
<td>1.55V</td>
<td>1.33V</td>
<td>1.20V</td>
</tr>
</tbody>
</table>

**Important Notice**

This data sheet contains typical information specific to products manufactured at the time of its publication. Contents herein do not constitute a warranty and are for reference only.