**Specifications**

- **Chemical System**: Silver Oxide (Zn/Ag₂O)
- **Designation**: IEC-SR59
- **Nominal Voltage**: 1.55 Volts
- **Typical Capacity**: 33 mAh* (to 1.2 volts)
- **Capacity Test**: 45K ohm continuous drain at 21°C
- **Typical Weight**: 0.5 grams
- **Typical Volume**: 0.13 cubic centimeters
- **Impedance (40 Hz)**: 15 to 25 ohms

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

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**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>7.90 (0.311)</th>
<th>7.55 (0.297)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R0.64 (0.025) Ref. Typical</td>
<td>3.00 (0.118) Minimum</td>
<td>2.60 (0.102)</td>
</tr>
<tr>
<td></td>
<td>2.30 (0.091)</td>
<td>2.33 (0.092) Ref.</td>
</tr>
<tr>
<td></td>
<td>2.08 (0.082) Ref.</td>
<td></td>
</tr>
<tr>
<td>0.25 (0.010) Maximum Ref.</td>
<td>Permissible deflection from a flat</td>
<td></td>
</tr>
<tr>
<td>0.08 (0.003) Minimum Ref.</td>
<td>(applies to top edge of gasket or edge of crimp, whichever is higher)</td>
<td></td>
</tr>
</tbody>
</table>

**Typical Discharge Characteristics**

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

- **Schedule**: Continuous
- **Typical Drain @1.53V**: 0.034 milliamperes
- **Load**: 45K ohm

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**Temperature Characteristics**

**Typical Performance at Low Discharge Rates**

**Service Effects**

![Graph showing service effects over temperature (C)]

**Storage Effects**

![Graph showing storage effects over temperature (C)]

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**Important Notice**

This datasheet contains typical information specific to products manufactured at the time of its publication.

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