**ENERGIZER 319**

**Chemical System:** Silver Oxide (Zn/Ag₂O)

**Nominal Voltage:** 1.55 Volts

**Typical Capacity:** 22.5 mAh* (to 1.2 volts)

**Capacity Test:** 47K ohm continuous drain at 21°C

**Typical Weight:** 0.29 grams (0.011 oz.)

**Typical Volume:** 0.07 cubic centimeters (0.004 cubic inch)

**Impedance (40 Hz):** 50 to 60 ohms

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

**Cross Section**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.80 (0.228)</td>
</tr>
<tr>
<td>5.65 (0.222)</td>
</tr>
<tr>
<td>3.90 (0.154) Ref. Typical</td>
</tr>
<tr>
<td>2.70 (0.106)</td>
</tr>
<tr>
<td>2.50 (0.098)</td>
</tr>
<tr>
<td>2.40 (0.094) Ref. Z.20 (0.087) Ref.</td>
</tr>
<tr>
<td>0.13 (0.005) Maximum Ref. Permissible deflection from a flat</td>
</tr>
<tr>
<td>0.10 (0.004) Minimum Ref. (applies to top edge of gasket or edge of crimp, whichever is higher)</td>
</tr>
</tbody>
</table>

**DESIGNED FOR USE ON CONTINUOUS LOW DRAIN**

**Typical Discharge Characteristics**

Typical Performance at 21°C (70°F)

**Schedule:** Continuous

**Typical Drain @1.55V:**
0.033 milliamperes

**Load:** 47K ohm

**Temperature Characteristics**

Typical Performance at Low Discharge Rates

**Service Effects**

**Storage Effects**

**Important Notice**

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