**ENERGIZER LN522**

**Industrial**

**Industry Standard Dimensions**

<table>
<thead>
<tr>
<th>mm (inches)</th>
<th>12.95 (0.510)</th>
<th>17.50 (0.689)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26.50 (1.043)</td>
<td>15.50 (0.610)</td>
</tr>
<tr>
<td></td>
<td>24.50 (0.965)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>46.40 (1.827)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>49.00 (1.929)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>46.50 (1.831)</td>
<td></td>
</tr>
</tbody>
</table>

**Classification:** Lithium 9V  
**Chemical System:** Lithium-Manganese Dioxide (Li/MnO₂)  
**Designation:** ANSI-1604LC  
**Nominal Voltage:** 9.0 volts  
**Operating Temp:** -40°C to 60°C (-40°F to 140°F)  
**Storage Temp:** -40°C to 60°C (-40°F to 140°F)  
**Max Discharge:** 1000 mA continuous  
**Safety Features:** Positive Temperature Coefficient Switch (PTC)  
**Burst Proof Venting Holes**  
**Typical Weight:** 33.9 grams  
**Typical Volume:** 21.4 cubic centimeters  
**Terminal:** Miniature Snap  
**Shelf Life:** 10 Years  
**Typical Li Content:** 1.35 grams

**General Information**

**Milliamp-Hours Performance (21°C)**

- **Continuous Discharge to 5.4 volts**
  - 5 mA: 1000 mAh  
  - 25 mA: 750 mAh  
  - 100 mA: 250 mAh

- **Continuous Discharge to 5.4 volts**
  - 200 mA: 1000 mAh  
  - 500 mA: 750 mAh  
  - 1000 mA: 250 mAh

**Typical Discharge Performance (21°C)**

- **25 mA Continuous Discharge**
  - Voltage (CCV) vs. Service (hours)
  - Voltage drops from 9 to 5.5 volts

- **100 mA Continuous Discharge**
  - Voltage (CCV) vs. Service (hours)
  - Voltage drops from 9 to 5.5 volts

- **500 mA Continuous Discharge**
  - Voltage (CCV) vs. Service (hours)
  - Voltage drops from 9 to 5.5 volts

**Important Notice**

This datasheet 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.