Engineering Data

ENERGIZER NO. CR1225

Dimensions (mm)

<table>
<thead>
<tr>
<th>Millimeters</th>
<th>Inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>.03</td>
<td>.001</td>
</tr>
<tr>
<td>.20</td>
<td>.008</td>
</tr>
<tr>
<td>2.20</td>
<td>.087</td>
</tr>
<tr>
<td>2.50</td>
<td>.098</td>
</tr>
<tr>
<td>4.00</td>
<td>.157</td>
</tr>
<tr>
<td>12.20</td>
<td>.480</td>
</tr>
<tr>
<td>12.50</td>
<td>.492</td>
</tr>
</tbody>
</table>

Chemical System: Lithium/Manganese Dioxide (Li/MnO2)

Designation: ANSI / NEDA-5020LC, IEC CR1225
Battery Voltage: 3 Volts
Average Weight: .9 grams (.03 oz.)
Volume: .28 cubic centimeters (.02 cubic inch)
Average Service Capacity (to 2.0 Volt): 50 mAh
(Rated capacity at 45K ohms at 21°C)
Max. Reverse Charging Current: 1 microampere
Energy Density: 100 milliwatt hr/kg, 321 milliwatt hr/cc

INTERNAL RESISTANCE CHARACTERISTICS

Pulse Test at 21° C (70° F)
Schedule: continuous for background
2 secs. X 12 times/day for pulse
Typical Background Drain @ 2.9V (milliamps):
.064 milliampere
Typical Pulse Drain @ 2.8V (milliamps):
6.3 milliampere
Background Load: 45K ohms
Pulse Load: 400 ohms

SIMULATED APPLICATION TESTS

Estimated Average Service at 21° C (70° F)

CUTOFF VOLTAGE

<table>
<thead>
<tr>
<th>Typical Drains</th>
<th>Load (ohms)</th>
<th>2.0V</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.9V (microamperes)</td>
<td>45,000</td>
<td>817</td>
</tr>
</tbody>
</table>

24 hours / day

TYPICAL DISCHARGE CHARACTERISTICS

Simulated Test at 21° C (70° F)

IMPORTANT NOTICE

This data sheet contains information specific to batteries manufactured at time of its publication. Please contact your Energizer representative for most current information. Contents herein do not constitute a warranty.

Form No. EPS - 4114A