Data Sheet

Type Number .............................. 6032
Designation IEC ........................... CR 2032
System ...................................... Li-Manganese dioxide / Organic Electrolyte

UL Recognition: ......................... MH 13654
Nominal Voltage ......................... 3 V
Typical Capacity C ....................... 220 mAh
Load 5.6 kOhm, at 20°C down to 2 V

Weight (approx.) ......................... 3 g
Volume ...................................... 0,95 ccm
Coding ...................................... Date of Manufacturing

Temperature Ranges

<table>
<thead>
<tr>
<th></th>
<th>min</th>
<th>max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage</td>
<td>-55°C</td>
<td>70°C</td>
</tr>
<tr>
<td>Discharge</td>
<td>-20°C</td>
<td>70°C</td>
</tr>
</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th></th>
<th>min</th>
<th>max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter (A)</td>
<td>19,7</td>
<td>20,0</td>
</tr>
<tr>
<td>Height (B)</td>
<td>2,9</td>
<td>3,2</td>
</tr>
<tr>
<td>Shoulder Diameter (E)</td>
<td>16,0</td>
<td></td>
</tr>
</tbody>
</table>

Segment .................................. Electronic

Main Applications ......................

- Watches
- Digicams
- Electronics

Typical Capacities (at 20°C)

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Load (Ω)</th>
<th>End Voltage: 2.0 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>5600</td>
<td>Time: 430 h</td>
</tr>
<tr>
<td>24h/d,7d/w</td>
<td></td>
<td>Capacity [mAh]: 220</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Energy [mWh]: 610</td>
</tr>
</tbody>
</table>

* Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.
Performance Data:

- **Temperature Characteristics**

  ![Temperature Characteristics Graph]

- **Operating Voltage vs. load resistance** *

  ![Operating Voltage vs. load resistance Graph]

- **Capacity vs. load resistance**

  ![Capacity vs. load resistance Graph]

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life* > 10 years
  * depending on environmental conditions and energy consumption

All Data contained herein is for single cells
For battery applications, performance data may vary from single cell data, depending on specific battery configuration