Data Sheet

Type Number ........................................ 6032
Designation IEC ............................... CR 2032
System ........................................... Li-Manganese dioxide / Organic Electrolyte
UL Recognition ............................ MH 13654 (N)
Nominal Voltage .................. 3 V
Typical Capacity C ............... 230 mAh
Load 5.6 kOhm, at 20°C down to 2 V
Maximum Pulse Discharge ....... 50mA 3s **

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

Temperature Ranges
Storage ................................ - 55°C - 70°C
Discharge ................................ - 20°C - 70°C*

Dimensions
Diameter (A) ................... 19,70 - 20,00
Height (B) ..................... 2,90 - 3,20
Shoulder Diameter (E) ............. 16,00

Typical Capacities (at 20°C)

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Load</th>
<th>End Voltage: 2.0 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>5600 Ω</td>
<td>Time: 460 h</td>
</tr>
<tr>
<td>24h / d, 7d / w</td>
<td></td>
<td>Capacity [mAh]: 230</td>
</tr>
<tr>
<td>Current [µA]:</td>
<td></td>
<td>Energy [mWh]: 645</td>
</tr>
</tbody>
</table>

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

** for tracking, sensors, communication, IoT ; contact VARTA for more information and design In support

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Performance Data:

- **Temperature Characteristics**
- **Operating Voltage vs. load resistance** *
- **Capacity vs. load resistance**

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life* > 10 years

* depending on environmental condition and energy consumption