Type Number .................. 6016
Designation IEC ............... CR 2016
System ........................ Li-Manganese dioxide / Organic Electrolyte

UL Recognition: ................ MH 13654
Nominal Voltage ............... 3 V
Typical Capacity C ............ 86 mAh
Load 15 kOhm, at 20°C down to 2 V

Weight (approx.) ............... 1.8 g
Volume .......................... 0.5 ccm
Coding .......................... Date of Manufacturing DWWY

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

Dimensions
Diameter (A) ...................... 19.7 20.0
Height (B) ........................ 1.4 1.6
Shoulder Diameter[E] .......... 18.4

Segment .......................... Electronic
Main Applications ............... Watches
Digicams
Electronics

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>15000 Ω</td>
<td>Time: 430 h</td>
</tr>
<tr>
<td>24h/d, 7d/w</td>
<td></td>
<td>Capacity [mAh]: 86</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Energy [mWh]: 241</td>
</tr>
</tbody>
</table>

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

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

Subject to change without prior notice!

Date of issue: 2013_07_03
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 conditions and energy consumption