Data Sheet

**Type Number** .................. 6216
**Designation IEC** ................. CR 1216
**System** .................................... Li-Manganese dioxide / Organic Electrolyte

**UL Recognition** .................. MH 13654 (N)
**Nominal Voltage** .................. 3 V
**Typical Capacity C** ............... 27 mAh
Load 39 kOhm, at 20°C down to 2 V

**Weight (approx.)** .................. 0,7 g
**Volume** ................................ 0,17 ccm
**Coding** ................................... Date of Manufacturing
**Month/Year**

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

**Dimensions**
Diameter (A) .................. 12,2 mm
12,5 mm
Height (B) ...................... 1,4 mm
1,6 mm
Shoulder Diameter [E] ........... 10,0 mm
Shoulder Height [C] .............. 0,2 mm

**Typical Capacities (at 20°C)**

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Load</th>
<th>End Voltage:</th>
<th>2.0 V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous</td>
<td>39000 Ω</td>
<td>Time:</td>
<td>355 h</td>
</tr>
<tr>
<td>24h/d, 7d/w</td>
<td></td>
<td>Capacity [mAh]:</td>
<td>27</td>
</tr>
<tr>
<td>Current [µA]</td>
<td></td>
<td>Energy [mWh]:</td>
<td>77</td>
</tr>
</tbody>
</table>

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

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Performance Data:

- **Temperature Characteristics**

  ![Temperature Characteristics Graph]

- **Operating Voltage vs. load resistance**

  ![Operating Voltage Graph]

  *Discharge depth 50%

- **Capacity vs. load resistance**

  ![Capacity vs Load Resistance Graph]

- **Discharge Characteristics**

  ![Discharge Characteristics Graph]

- Self-discharge rate < 1% at room temperature

- Storage life > 10 years

- Operating life* > 10 years

* depending on environmental condition and energy consumption

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