Primary Alkaline Manganese Cylindrical

Data Sheet

Type number 4120

Designation IEC LR20
System Zn-MnO₂ (Alkaline)

Shelf Life (Coding)* 7 years

Nominal Voltage [V] 1.5
Typical Capacity C [mAh] 16.500 (discharge with high-resistance)

Operating temperature:
Storage temperature:

Weight, approx. [g] 141
Volume [ccm] 51.3

Dimensions [mm]

Typical Capacities (at 20°C)

<table>
<thead>
<tr>
<th>Discharge Type</th>
<th>Load</th>
<th>End Voltage [V]</th>
<th>Time [h]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Portable Lighting</td>
<td>4 M/H, 8 H/D, 7 D/W</td>
<td>2.2 Ω</td>
<td>0.9</td>
</tr>
<tr>
<td>Toys</td>
<td>1 H/D, 7 D/W</td>
<td>2.2 Ω</td>
<td>0.8</td>
</tr>
<tr>
<td>Transistor Radios</td>
<td>4 H/D, 7 D/W</td>
<td>10 Ω</td>
<td>0.9</td>
</tr>
</tbody>
</table>

* In consideration of typical loss of capacity at storage and application.