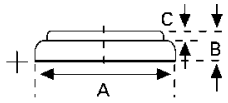
CR 1220

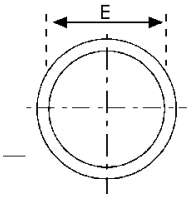
Lithium Manganese Dioxide

Data Sheet



Type Number	6220
Designation IEC	CR 1220
System	Li-Manganese dioxide / Organic Electrolyte
UL Recognition	MH 13654 (N)
Nominal Voltage	3 V
Typical Capacity C	35 mAh
Load 39 kOhm, at 20°C down to 2 V	
Weight (approx.)	0,8 g
Volume	0,2 ccm
Coding	Date of Manufacturing Month/Year





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

Dimensions	min	max.
Diameter (A)	12,20	12,50
Height (B)	1,80	2,00
Shoulder Diameter[E]	10,00	
Shoulder Height [C]	0,30	

Typical Capacities (at 20°C)

Discharge Type	**Load**	**End Voltage:**	**2.0 V**
Continuous	39000 Ω	Time:	480 h
24h/d,7d/w		Capacity [mAh]:	35
Current [µA]:		Energy [mWh]:	100

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

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For most current information and further details, please contact your VARTA representative.

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst
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Date of issue: 2014-09-16

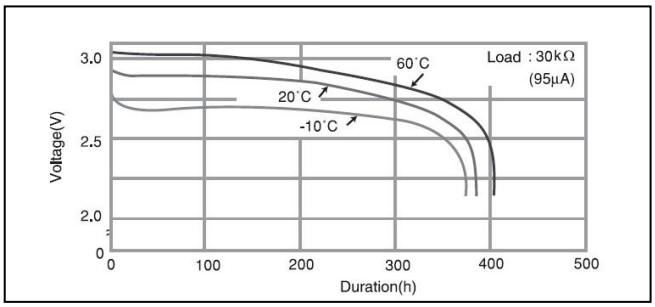
CR 1220

Lithium Manganese Dioxide

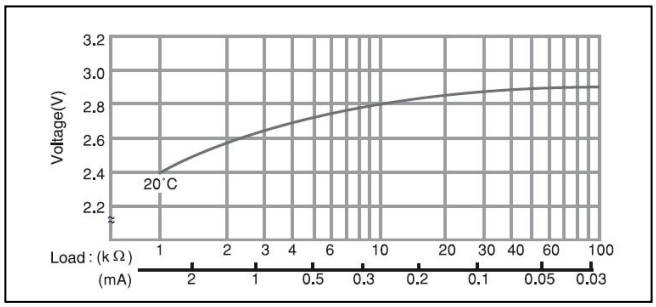
Data Sheet

Performance Data:

- **Temperature Characteristics**

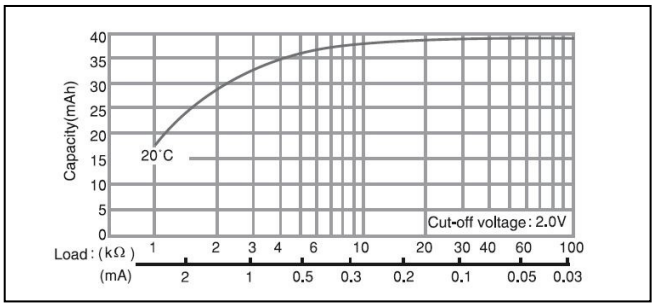


- **Operating Voltage vs. load resistance***

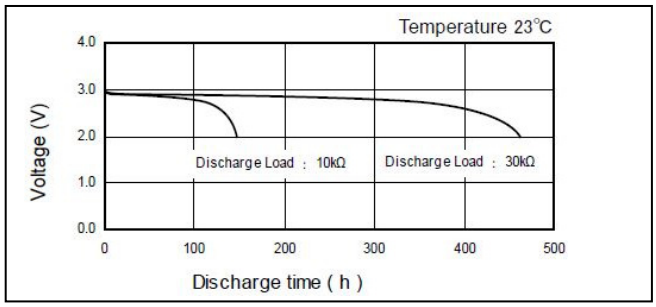


***Discharge depth 50%**

- **Capacity vs. load resistance**



- **Discharge Characteristics**



- 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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