

Data Sheet

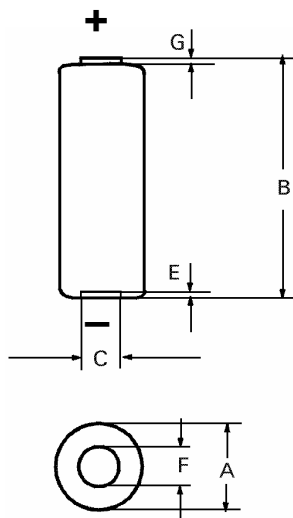
Type Number 4223
Designation IEC ---
System Manganese Dioxide /
 Zinc / KOH - Electrolyte

Nominal Voltage 12 V
Typical Capacity C 50 mAh
 Load 20 KOhm, at 20°C down to 8.0 V

Weight (approx.) 7,5 g
Volume 2,3 ccm

Temperature Ranges min max.
 Storage -10°C 65°C
 Discharge -10°C 65°C

Dimensions min max.
 Diameter (A) 9,7 10,3
 Height (B) 27,5 28,5
 Shoulder Diameter [F]..... 5,8
 Shoulder height [G]..... 0,5
 Reverse Shoulder Diameter [C]..... 55,0
 Reverse Shoulder Height [E]..... 3,0



Segment Photo
Main Applications Watch
 Photo
 Electronic Devices

Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage:	8.0 V
Continuous 24h/d,7d/w Current [µA]:	20000 Ω	Time: Capacity [mAh]: Energy [mWh]:	95 h 50 520

All Data contained herein is for single cells

For battery applications, performance data may vary from single cell data, depending on specific battery configuration

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst
 Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Subject to change without prior notice!
 Date of issue 2004-12-17