

**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

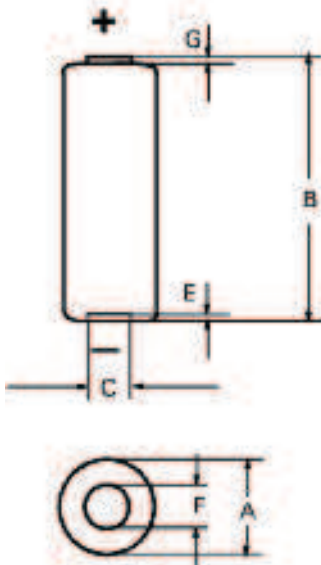
**Weight (approx.)** ..... 7,9 g  
**Volume** ..... 2,3 ccm

**Temperature Ranges**

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

**Dimensions**

	min	max.
Diameter (A) .....	9,6	10,3
Height (B) .....	27,5	28,5
Shoulder Diameter [F].....	5,2	5,8
Shoulder height [G].....	0,5	
Reverse Shoulder Diameter [C].....	5,2	5,8
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:	95 h
		Capacity [mAh]:	50
		Energy [mWh]:	520

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