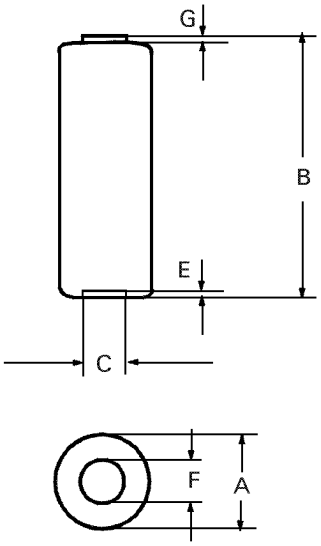
VARTA
THE BATTERY EXPERTS

V 23 GA

Alkaline Manganese

Data Sheet



Type Number:	4223
Designation IEC:	---
System:	Manganese dioxide / Zinc / KOH - Electrolyte
Nominal Voltage [V]:	12
Typical Capacity C [mAh]:	50
Load 20 kOhm, at 20 °C down to 8.0 V	
Weight, approx [g]:	7,5
Volume [ccm]:	2,3
Coding:	Manufacturing 4 digit code (123 = day/4 = year)

Temperature Ranges [°C]:	**min.**	**max.**
Storage:	-10	65
Discharge:	-10	65

Dimensions [mm]:	**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	
Reverse Shoulder Height [E]:	3	

Segment:	Photo
Main Applications:	Watch Photo Electronics Devices

Typical Capacities (at 20° C):

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

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Subject to change without prior notice!

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