



**Type Number**..... 4227  
**Designation IEC**..... ---  
**System**..... Manganese Dioxide/  
 Zinc/KOH-Electrolyte

**Nominal Voltage**..... 12 V  
**Typical Capacity C**..... 19 mAh  
 Load 20 k $\Omega$ , at 20°C down to 8.0V

**Weight (approx.)**..... 4,40 g  
**Volume**.....  
**Coding**..... Manufacturing Month/Year  
 by Letter Code

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

**Dimensions**                                    min                    max.  
 Diameter (A) ..... 7,40                    8,00  
 Height (B)..... 27,00                    28,20  
 Shoulder Diameter [F]                    3,20                    3,80  
 Shoulder Height [G]                    0,4  
 Reverse Shoulder Diameter [C]...                    3,4                    4,00  
 Reverse Shoulder Height [E].....                    0,30

**Typical Capacities (at 20°C)**

Discharge Type	Load	End Voltage:	8.0V
Continuous 24h/d, 7d/w Current [ $\mu$ A]	20000 $\Omega$	Time:	38 h
		Capacity:	19 mAh
		Energy:	200 mWh

**No publication or circulation of data to third parties without consent of VARTA Consumer Batteries**