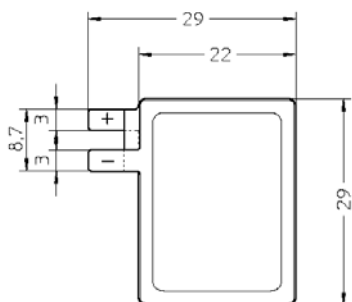


Data Sheet ¹



Type Number:	6804
Designation IEC	---
System	Lithium Manganese Dioxide
UL Recognition	MH 13654
Nominal Voltage [V]	3.0
Typical capacity [mAh]	25 (@ 0,03 mA; Cut off: 2.0 V @ 20°C)
Nominal capacity [mAh]	23 (@ 0,03 mA; Cut off: 2.0 V @ 20°C)
Weight, approx. [g]	0.6
Volume [mm ³]	280
Gravimetric Energy Density [Wh/kg]	110
Volumetric Energy Density [Wh/l]	270
Operating temperature [°C]	Storage: -20 to 60 Discharge: -10 to 60
Dimensions [mm]	max.
Length	22
Width	29
Height	0,44
Main Applications:	Active Smart Cards Electronic Tag, RFID Smart Cards
Max. Pulse Discharge Current [mA]	25 / for 10 ms
Capacity retention [%]	90, after 40 days storage @ 60°C
Internal resistance, Load DC 1kΩ, Duration 2 s [Ω]	max. 70
Impedance, at 1kHz	18
Shelf Life expectancy	> 2 years (@ RT)
Mechanical Properties	
Flexibility	Fulfills the requirements of test according to ISO/IEC 7816-1, when properly installed in Smart Card

¹ Proprietary Material of
VARTA Microbattery GmbH