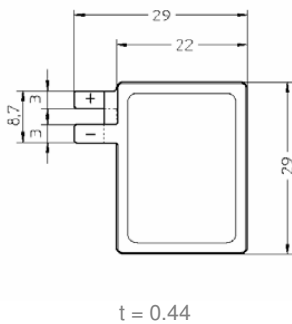


Data Sheet ¹



| | |
|-------------------------------------|---|
| Type Designation | LFP 25 |
| Type Number | 6804 |
| Designation IEC | --- |
| System | Lithium Manganese Dioxide |
| UL Recognition | MH 13654 |
| Nominal Voltage [V] | 3.0 |
| Typical Capacity [mAh] | 25 (at 0.03 mA; Cut off: 2.0 V at 20 °C) |
| Nominal Capacity [mAh] | 23 (at 0.03 mA; Cut off: 2.0 V at 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 |
| Capacity Retention [%] ² | >90, after 12 months storage at 20 °C >85, after 24 months storage at 20 °C >90, after 40 days storage at 60 °C |
| Internal Resistance [Ω] | |
| Ri (at Load 1kΩ, Duration 2s) | max. 70 |
| Impedance (at AC 1kHz) | max. 18 |
| Mechanical Properties | |
| Flexibility | Fulfils the requirements of test according to ISO/IEC 7816-1, when properly installed into Smart Card |

¹ Prior to use read our
PROCESSING GUIDELINES for Thin Batteries

² In original aluminium pouch packaging