



Micro Systems Technologies

LiS 2460

LITRONIK
Li-Manganese Dioxide
Medium Rate Battery

KEY FEATURES

- For implantable devices with medium pulse power demand
- Very high power densities
- Direct power supply of telemetric units
- Low self-discharge rates
- No voltage delays



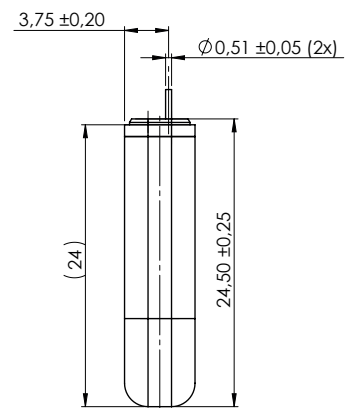
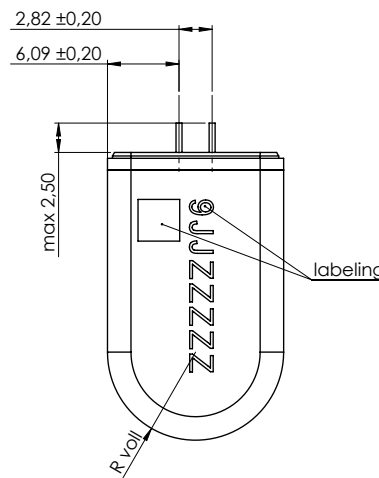
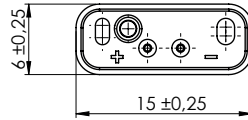
an MST company

LiS 2460

Lithium-Manganese Dioxide Medium Rate Battery

Technical Data

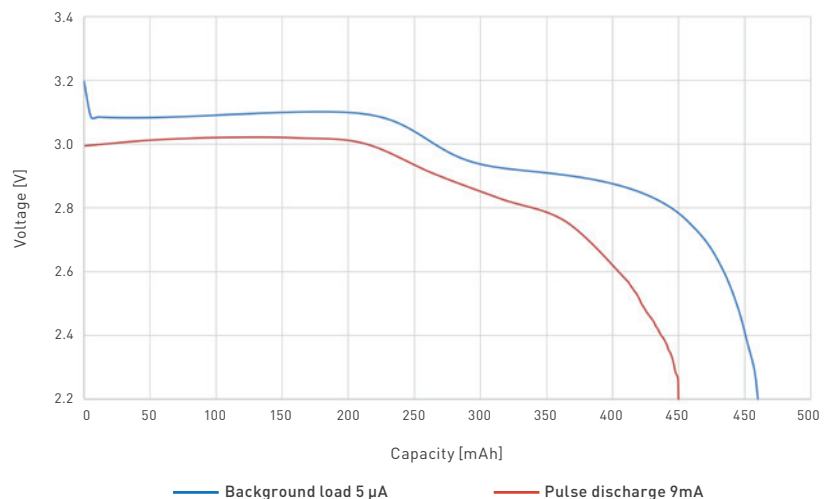
Chemistry	Li-MnO ₂ X
Construction	Stacked electrode design
Rated capacity (at 100 kΩ)	510 mAh
Energy density	765 mWh/cm ³
Nominal voltage	3.2 V
Cut-off voltage	2.2 V
Pulse capacity	450 mAh
Rated pulse current	9mA/10s
Self-discharge (at 37°C)	< 1% per year
Mass	5.2 g
Volume	2 cm ³
Case material	Titanium grade 1 hermetically sealed
Case polarity	Negative
Safety feature	Shut down separator
Typical application	Implantable monitors or IPGs with telemetric functionalities



Options

Custom pin configuration	available
Application specific testing	available
Custom labeling	available
Custom packaging	available

LiS 2460 / Discharge behavior (without self discharge, typical mean values)



LITRONIK power sources provide today's state-of-the-art in battery technology for implantable medical devices. The batteries are manufactured within a tightly controlled atmosphere to ensure highly re-producible electrical characteristics. A completely laser welded titanium case and a high-precision metal-to-glass feedthrough guarantee hermeticity and safe operation. LITRONIK's quality system derives from the requirements of life sustaining implants and assures 100% traceability of processes and materials.

 **LITRONIK**
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