
Saft LS14250 1/2AA PC Pin Dual-Positive & Single-Negative Terminal Battery

Product price:

C\$16.89

Product short description:

Introducing the Saft LS142503PF, a primary lithium-thionyl chloride (Li-SOCl₂) battery that delivers outstanding, reliable performance with a high energy density. Designed for a wide array of applications including utility metering, alarms, security devices, tollgate systems, memory backup, computer real-time clocks, tracking systems, automotive and professional electronics, this 1/2 AA-size bobbin cell is a powerhouse with a nominal capacity of 1.20 Ah and a nominal voltage of 3.6V.

With a diameter of 14.62 mm and a height of 25.13 mm, this compact battery integrates seamlessly into compact systems. It boasts PC Pins on each end of the cell, with 2 pins on the positive terminal and 1 pin on the negative terminal, making it effortless to solder into circuit boards for a secure, reliable connection.

The Saft LS142503PF is not just about performance, but also safety and durability. Encased in a stainless steel container with end caps, it offers a low magnetic signature and supreme resistance to atmospheric corrosion. Its hermetic glass-to-metal sealing and non-flammable electrolyte make it compliant with IEC 60086-4 and IEC 60079-11

Product features:

Cell Size Reference: 1/2 AA
Part Number: LS142503PF
Nominal Capacity (mAh): 1200
Nominal Voltage: (at 0.2 mA + 20°C) 3.6V
Storage: + 30°C (+ 86°F) max
Diameter (Max): 14.62 mm (0.57 in)
Height (Max): 25.13 mm (0.99 in)
Typical Weight: 9g (~0.3) oz
Operating Temperature Range: - 60°C/+ 85°C (- 76°F/+ 185°F)
Li Metal Content: approx. 0.3 g
EAN / GTIN: 4016138771640
Termination Suffix: 3PF
Warnings: Fire, explosion and burn hazard. Do not solder directly to the cell
Open Circuit Voltage: (at +20°C) 3.67V
Storage Info: The storage area should be clean, cool (preferably not exceeding + 30°C), dry and Ventilated
Compliance: IEC 60086-4, IEC 60079-11
Type of Termination: With PC Pins (2 Pin on Positive Terminal & 1 Pin on Negative Terminal)
Pulse Capacity: Typically up to 100 mA
Maximum Continuous Current: 30
Nominal Energy: 4.32 Wh

safety standards, ensuring its reliability even in the most demanding conditions.

Operating efficiently in a wide temperature range of -60°C to 85°C, this battery also offers a low self-discharge rate of less than 1% per year of storage at 20°C. The Saft LS142503PF is non-restricted for transport and is not assigned to Class 9 under the UN Recommendations on the transport of dangerous goods, making it a safe option for various needs.

Weighing a mere 9g, the Saft LS142503PF offers an open circuit voltage of 3.67V. It should be stored in a clean, cool (preferably not exceeding 30°C), dry and ventilated area to maintain its optimal performance. Please note the warning: for safety reasons, do not solder directly to the cell.

Choose the Saft LS142503PF for your battery needs and experience high voltage response, stable performance throughout the lifetime of the application, and superior power with a nominal energy of 4.32 Wh.

Product codes:

Reference: LS142503PF
EAN13: 4016138771640
UPC: 401613877164

Product attributes:

Product gallery:


