
Saft LS14250 1/2 AA PC Pins dual single pin terminal battery

Product price:

C\$16.89

Product short description:

The Saft LS14250PF is a robust, high-energy-density 3.6V primary lithium-thionyl chloride (Li-SOCl₂) battery that's designed for use across a wide spectrum of applications. This battery, measuring just half an AA in size, is a bobbin cell featuring two single PC pins on either end of the cell for easy soldering onto circuit boards.

The Saft LS14250PF excels in providing a stable high-voltage response for the majority of its lifespan, making it ideal for applications such as utility metering, alarms and security devices, tollgate systems, memory backup, computer real-time clocks, tracking systems, automotive electronics, and professional electronics.

One of its standout features is its wide operating temperature range of -60°C to 85°C and a low self-discharge rate of less than 1% per year of storage at 20°C. This makes it a resilient choice for various environments and climates. It's also easy to integrate into compact systems and offers superior resistance to atmospheric corrosion.

The battery is encased in a stainless steel container with end caps to ensure low magnetic signature, and features a

Product features:

Cell Size Reference: 1/2 AA
Part Number: LS142502PF
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: 2PF
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 (1 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

hermetic glass-to-metal sealing with a non-flammable electrolyte for safety. It is compliant with IEC 60086-4 and IEC 60079-11 safety standards and has also received Underwriters Laboratories (UL) Component Recognition.

The Saft LS14250PF exhibits a nominal capacity of 1.20 Ah (at 1 mA 20°C 2.0 V cut-off), an open circuit voltage of 3.67 V (at 20°C), and a nominal voltage of 3.6 V (at 0.1 mA 20°C). It also offers a pulse capability of up to 100 mA and a maximum recommended continuous current of 30 mA.

The physical dimensions of the battery include a maximum diameter of 14.62 mm (0.57 in), a maximum height of 25.13 mm (0.99 in), and a typical weight of 9g (0.3 oz). It contains approximately 0.3 g of lithium metal and is available with various termination suffixes including 2PF.

Designed for safety, it's important to note that this battery poses a fire, explosion, and burn hazard, so direct soldering to the cell should be avoided. The Saft LS14250PF should be stored in a clean, cool (preferably not exceeding 30°C), dry, and ventilated area for optimal longevity.

In conclusion, whether your application is in utility metering, security devices, or any other professional electronic device, the Saft LS14250PF is a reliable and efficient choice for your power needs.

Product codes:

Reference: LS142502PF
EAN13: 4016138771640
UPC: 401613877164

Product attributes:

Product gallery:

