
Saft LS14250 1/2 AA PC Pins Dual two pin terminal battery

Product price:

C\$16.89

Product short description:

Meet the Saft LS142504PF, your go-to choice for a reliable, high-performing power source for compact systems. This 1/2 AA cell size battery holds a high energy density courtesy of its 3.6V primary lithium-thionyl chloride (Li-SOCl₂), making it an optimal choice for utility metering, alarms, security devices, computer real-time clocks, and more.

The LS142504PF boasts easy integration with circuit boards due to the PC pins installed on each end of the cell. It features 2 pins on both the positive and negative terminals. This makes it an excellent choice for DIY enthusiasts or anyone requiring an easy-to-install power source.

Its stainless steel container and end caps ensure a low magnetic signature, adding to its reliability. It also complies with IEC 60086-4 safety standards due to its hermetic glass-to-metal sealing and non-flammable electrolyte, promising both safety and performance.

Rated with a nominal capacity of 1.20 Ah and an open circuit voltage of 3.67 V at 20°C, this battery also features a low self-discharge rate of less than 1% per year of storage at 20°C. This ensures your applications run longer without the

Product features:

Cell Size Reference: 1/2 AA
Part Number: LS142504PF
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: 4PF
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 & 2 Pin on Negative Terminal)
Pulse Capacity: Typically up to 100 mA
Maximum Continuous Current: 30
Nominal Energy: 4.32 Wh

need for frequent battery changes.

The LS142504PF handles pulse capability up to 100 mA and a maximum recommended continuous current of 35 mA. It operates efficiently in a wide temperature range of -60°C to 85°C, making it versatile in a range of applications.

The LS142504PF is also non-restricted for transport and non-assigned to Class 9 according to the UN Recommendations on the transport of dangerous goods - Model Regulations. This makes it a hassle-free choice for applications that require transport.

The battery measures 14.62 mm (0.57 in) in diameter and 25.13 mm (0.99 in) in height, and weighs approximately 9g (~0.3 oz), making it compact and lightweight. Also, it contains approximately 0.3 g of Li Metal, contributing to its high energy density.

Please note that direct soldering to the cell is not recommended to avoid fire, explosion, and burn hazards. The LS142504PF should be stored in a clean, cool (preferably not exceeding 30°C), dry, and ventilated area.

Whether you need to power an automatic meter reading system, tracking device, or automotive electronics, rely on the Saft LS142504PF for a solution that delivers both safety and high performance.

Product codes:

Reference: LS142504PF
EAN13: 4016138771640
UPC: 401613877164

Product attributes:

Product gallery:

