

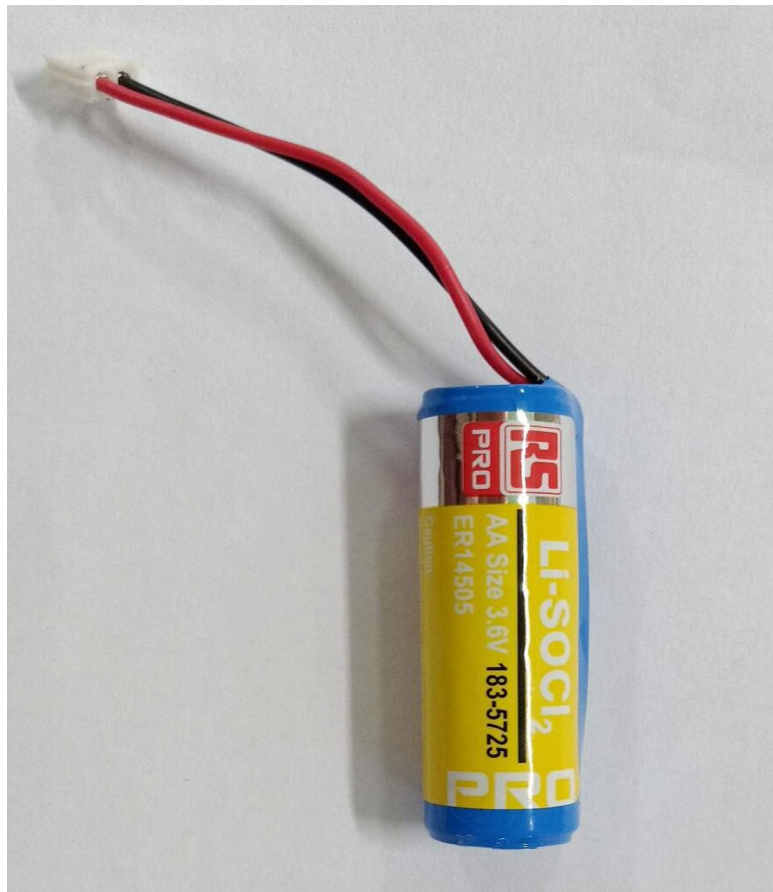


ENGLISH

Datasheet

RS Article:1835725

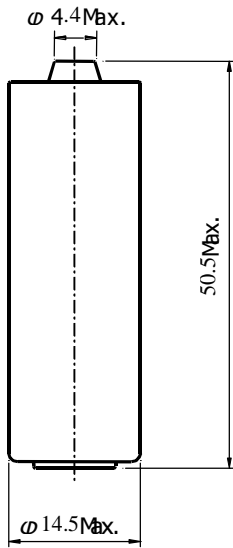
RS PRO Lithium Thionyl Chloride Battery



► MODEL NO.: ER14505

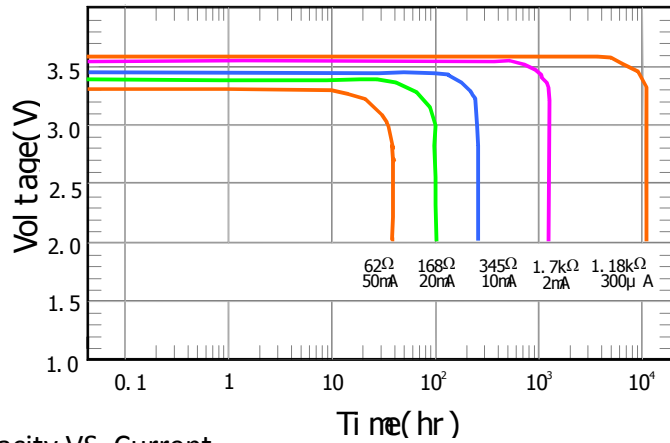
■ SPECIFICATION: ($23 \pm 2^\circ\text{C}$)

| | |
|------------------------------------|------------|
| Nominal capacity (2mA ~ 2V): | 2.4 Ah |
| Rated voltage: | 3.6 V |
| Max constant current of discharge: | 100 mA |
| Max discharge current (pulse): | 200 mA |
| Weight: | 22 g |
| Operating temperature range: | -55 ~ 85°C |



■ Discharge characteristics at $23 \pm 2^\circ\text{C}$

UL



S: Standard termination

Notes:

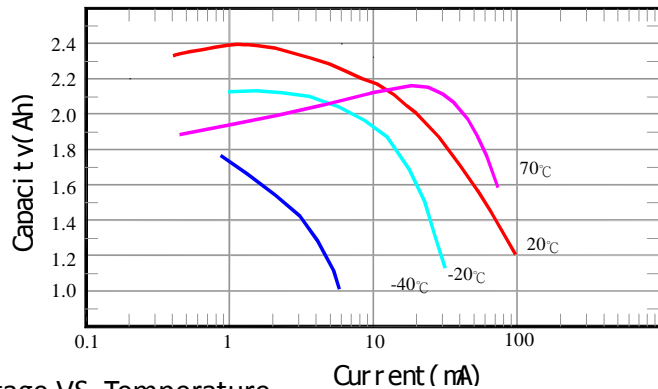
Dimension: mm

Special terminations can be Made as requested.

T: Solder tabs

P: Axial pins

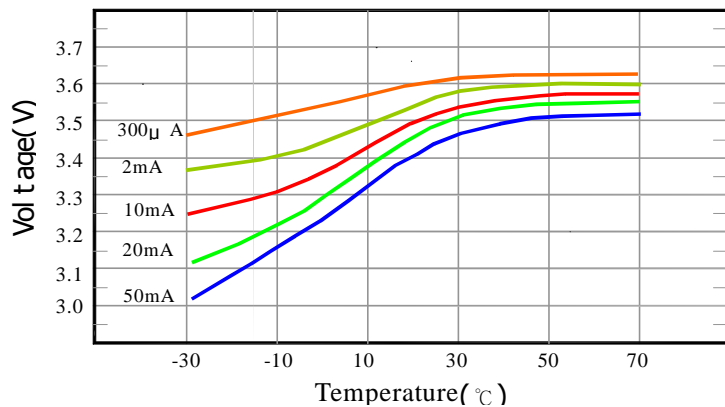
■ Capacity VS. Current



Warning

- Fire, explosion, and burn hazard.
- Do not recharge, short circuit, over discharge, crush, disassemble, heat above 100 incinerate.
- Do not use the battery beyond permitted temperature.
- Do not place in a packet.

■ Voltage VS. Temperature



Benefits:

- High Energy density
- High Voltage stable during most of applications lifetime
- Wide range of operating temperature (-55°C +85°C)
- Long storage life
- Low self-discharge rate 1% per year at 20°C
- Long Shelf life due to its full-sealing structure: It can be stored for more than 15 years.

Main application

- Intelligent Instrument and meter
- Memory and standby power
- Alarms and security devices
- Automotive electronics
- Electronic toll collection
- Military devices

