



ENGLISH

Datasheet

RS Article:1835716

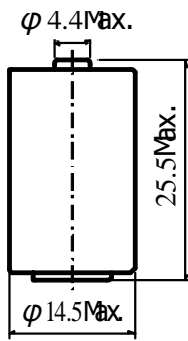
RS PRO Lithium Thionyl Chloride Battery



► MODEL NO.: ER14250

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

Nominal capacity (0.5mA ~ 2V):	1.2Ah
Rated voltage:	3.6V
Max constant current of discharge:	40mA
Max discharge current (pulse):	80mA
Weight:	11g
Operating temperature range:	$-55 \sim 85^\circ\text{C}$

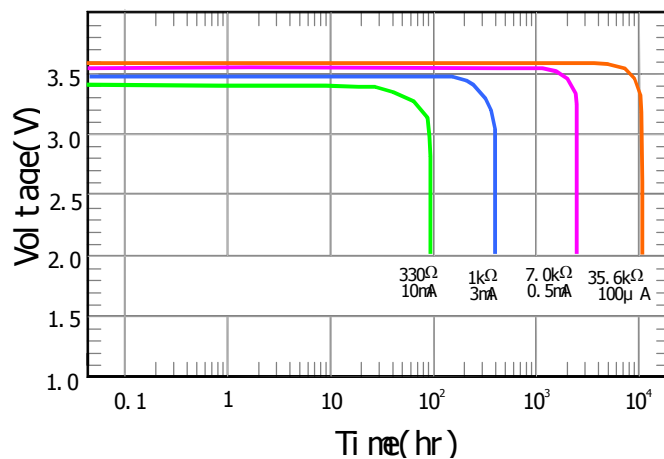


S: Standard termination

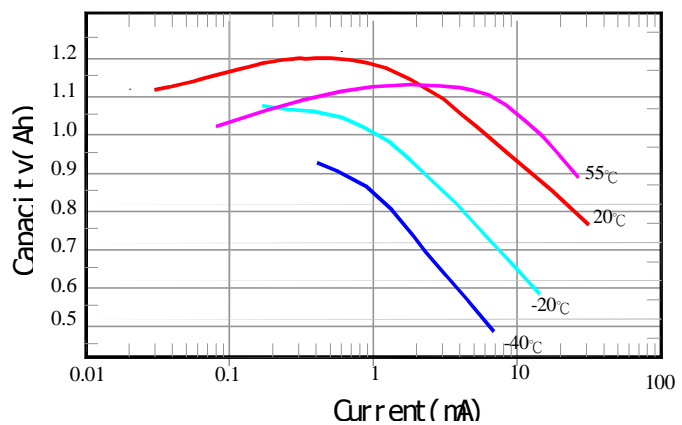
Notes:

- Dimension: mm
- Special terminations
Can be Made as
requested.
- T: Solder tabs
- P: Axial pins

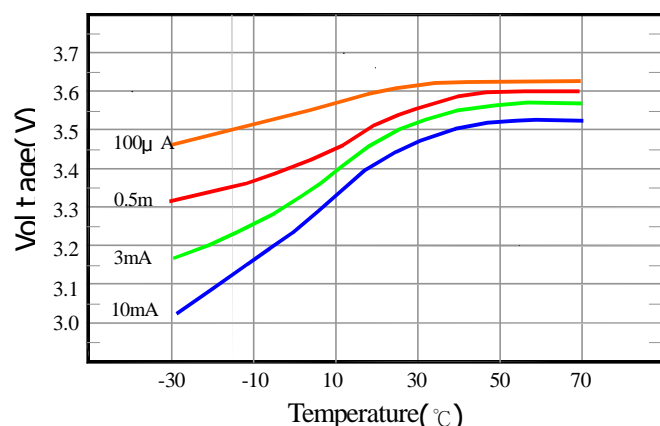
■ Discharge characteristics at $23 \pm 2^\circ\text{C}$



■ Capacity VS. Current



■ Voltage VS. Temperature



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.

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

Drawing Detail:

