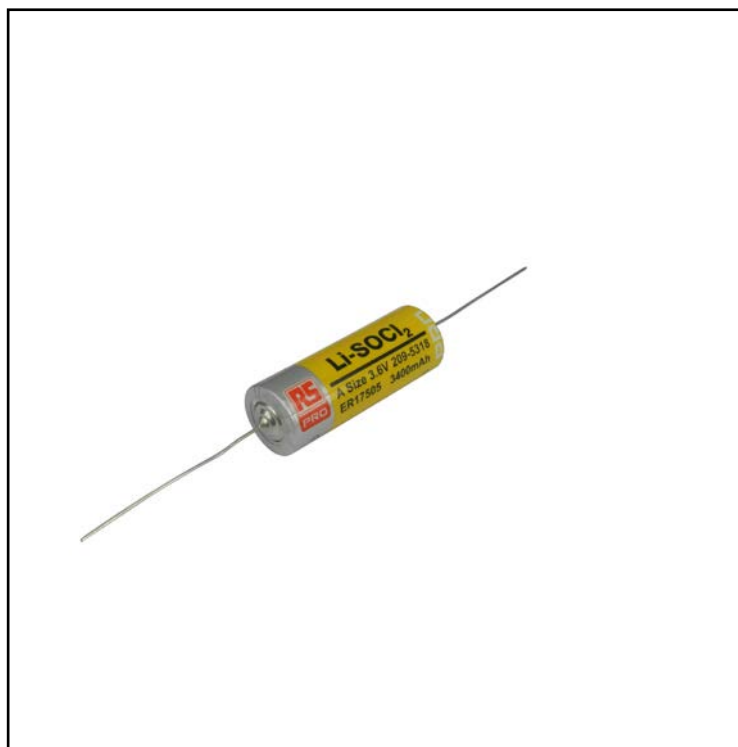


## FEATURES

- High energy density
- High voltage, stable during most of the applications lifetime
- Wide range of operating temperature (-55~+85°C)
- Long storage life
- Low self -discharge rate 1% per at 20°C
- Stainless steel can and cover
- Hermetic glass-to metal sealing
- Non- flammable electrolyte
- Non restricted for transport.
- Long shelf life due to its full-sealing structure: It can be stored for more than 15 years.

## RS PRO 3.6V Primary Lithium Thionyl Chloride (LiSOCl<sub>2</sub>) High energy density ER17505 A size LP bobbin cell

RS Stock No.: 209-5318



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

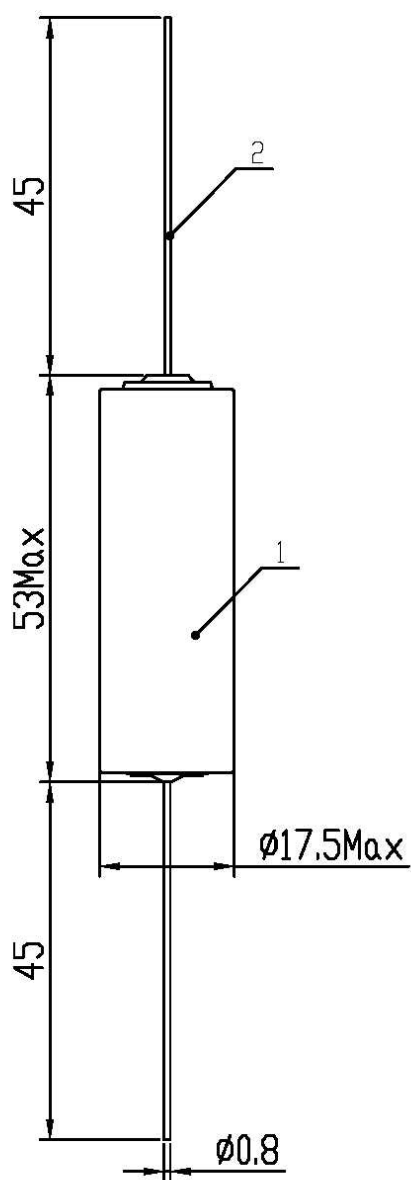
## Product Description

- ***Main Applications: IOT, Sensor, R&D Instrument, Automotive Telematics, Military Equipment, Utility Meters AMR& AMI, Alarms and Security Systems, Storage and Tracking Device***

## General Specifications

|  |          |
|--|----------|
| Nominal Capacity (25±2°C)              | 3.4 Ah   |
| Rated Voltage:                         | 3.6V     |
| Maximum Constant current of discharge: | 120 mA   |
| Maximum discharge current (pulse):     | 200 mA   |
| Weight:                                | 25g      |
| Operating temperature range:           | -55~85°C |

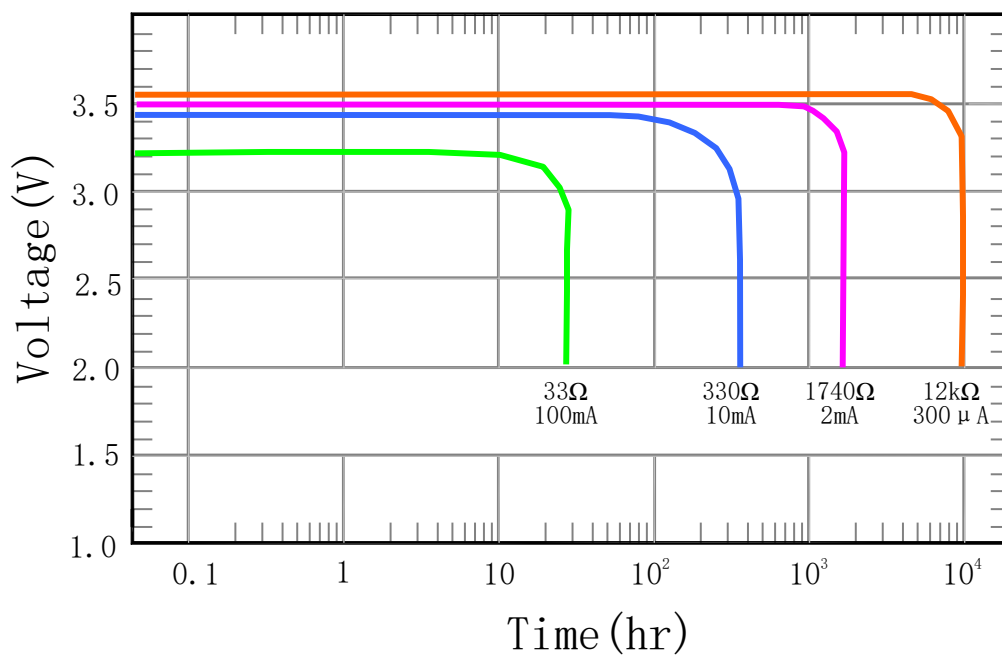
## Mechanical Specifications



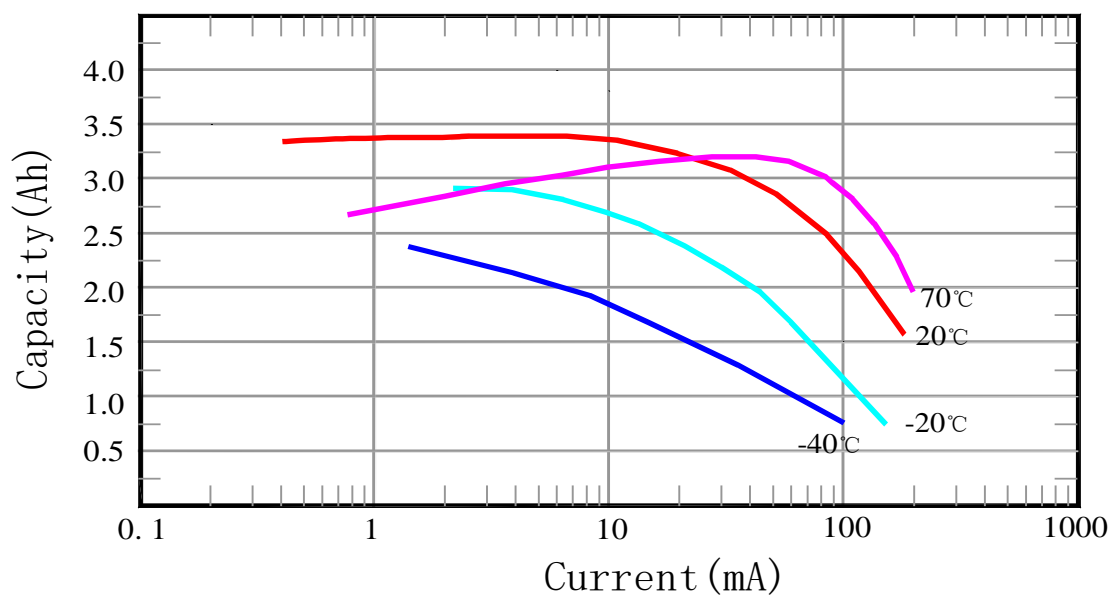
Dimension: mm

## Electrical Specifications

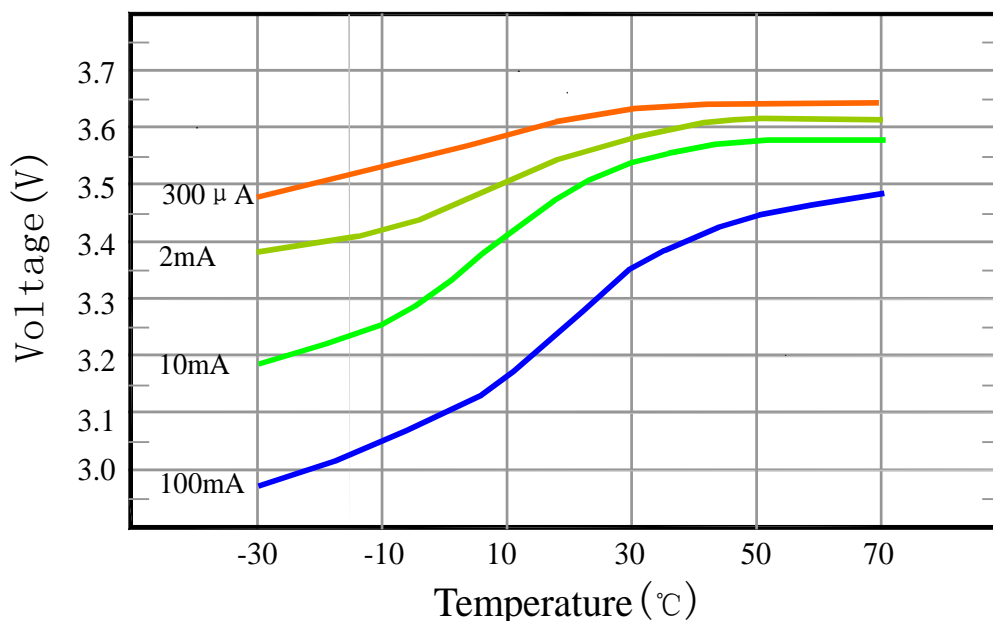
### ■ Discharge Characteristics at $23 \pm 2^\circ\text{C}$



### ■ Capacity VS. Current



## ■ Voltage VS. Temperature



## Protection Category

### Storage:

- Stored in clean, dry and cool circumstances (the temperature should be 20 degree C or lower, less than 20 degree C)

### Warning:

- Fire, explosion, and burn hazard.
- Do not recharge, short circuit, over discharge, crush, disassemble, heat above 85 degree°C incinerate.
- Do not use the battery beyond permitted temperature.
- Do not place in a packet.
- Do not solder directly to the cell.

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories