ER20505M

3.6V Primary Lithium Thionyl Chloride High Energy Spiral wound

Characteristics

- High energy density
- High and stable operating voltage during most of the lifetime in the application
- Wide range of operating temperature (-55℃~+85℃)
- Long operating time
- Low self-discharge rate (less than 1% after 1 year of storage)
- Long storage life (over 10 years under normal room temperature)

Main Applications

- Utility metering
- Automatic meter reading
- Medical electronics
- Remote monitoring systems
- Portable communications
- Industrial applications

Electrical Specifications	(23±2℃)
Nominal capacity (10mA~2V):	3.6Ah
Rated voltage:	3.6V
Max constant current of discharge:	1000mA
Max discharge current(pulse):	2000mA
Operating temperature range:	-55°C~+85°C
U.L. Component Recognition MH 29130	

Physical Specifications	
Diameter(max.)	20.0mm
Height(max.)	50.5mm
Weight(max.)	35g

Available terminations

S:Standard termination
T:Solder tabs
P:Axial pins
Special terminations are available upon request.

MSDS is available upon request.

E-Mail: Sales@peterparts.com | Phone: 585-265-2000 | Fax: 585-265-2542

PETER PARTS ELECTRONICS

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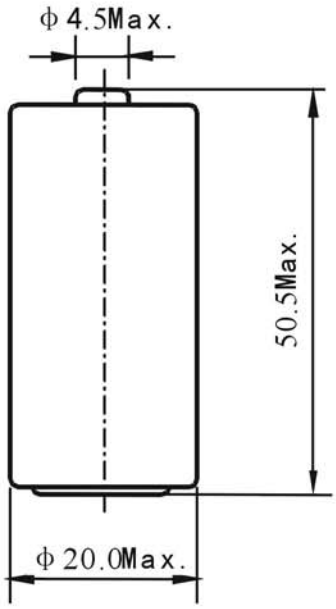
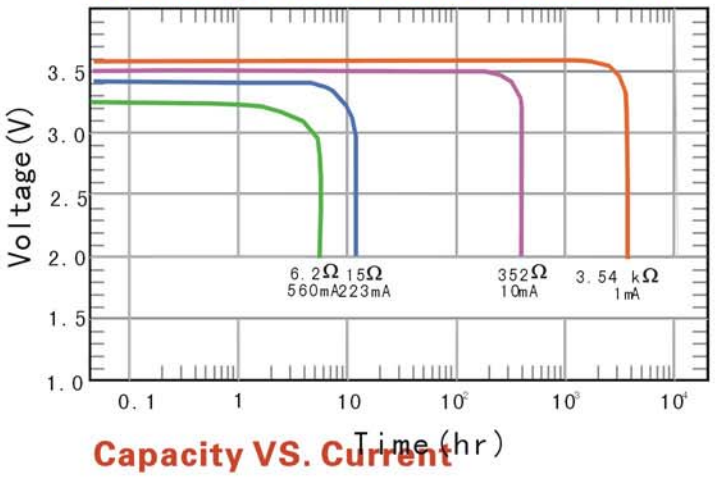
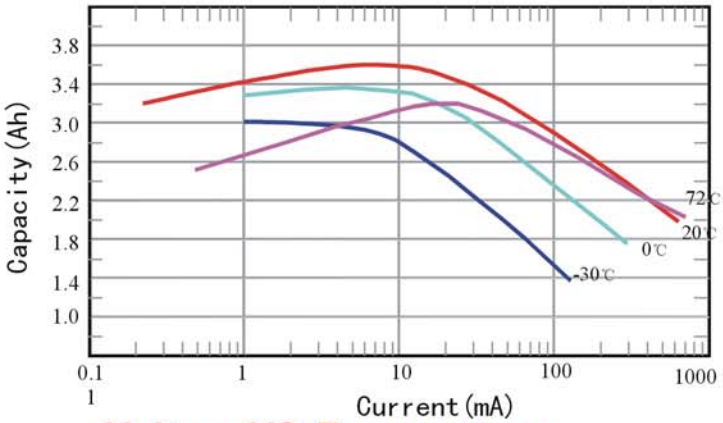


S: Standard termination

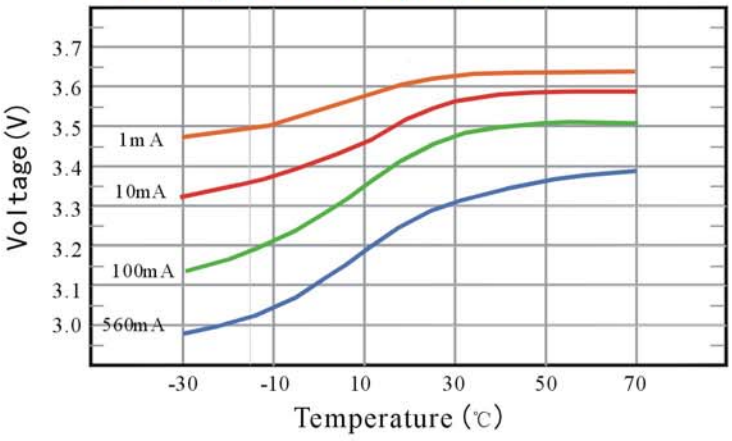
Discharge Characteristics at 23±2℃



Capacity VS. Current



Voltage VS. Temperature



Warning

- Fire, explosion and burn hazard
- Do not recharge, short circuit, crush, disassemble, heat above 100℃, incinerate
- Do not use the battery beyond the permitted temperature range