TITUS™ ER14505M

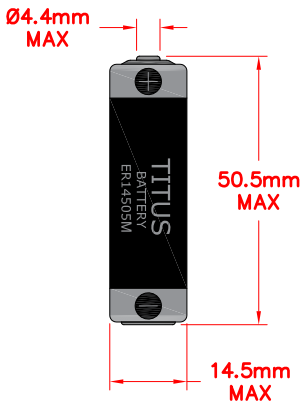
Spiral Construction Size AA

Scope:

This data sheet describes the mechanical design and electrical performance of the TITUS™ ER14505M, AA-size, 3.6V, 1.8Ah, Primary Lithium Thionyl chloride (SOCl2), HIGH POWER battery.

Mechanical / Physical Characteristics:

• Length	Length 1.99” max (50.5mm)
• Diameter	0.57” max (14.5mm)
• Weight	20g max
• Lithium weight	~0.6g

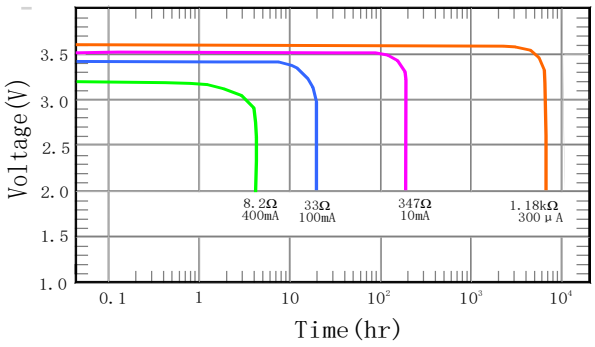


Standard Termination

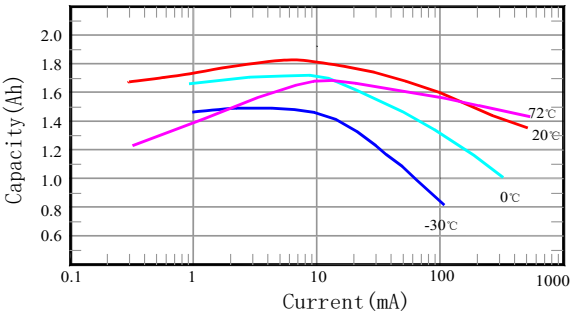
Electrical Characteristics:

• Nominal voltage	3.6V
• Nominal capacity	1.8Ah
• Maximum continuous discharge current	500mA
• Maximum pulse current	1000mA
• Operating temperature	-55°C to +85°C

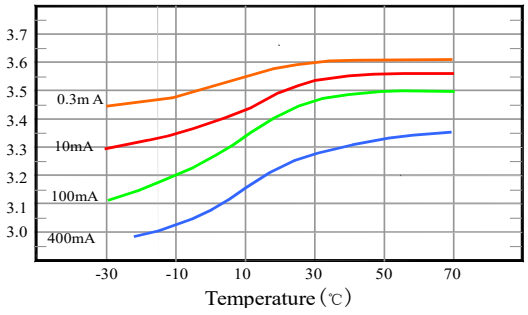
Discharge Characteristics at 23±2°C



Capacity VS.Current



Voltage VS.Temperature



WARNING: Fire, explosion, and severe burn hazards.

- Do not disassemble
- Do not heat above 100°C
- Do not recharge, short circuit, crush, incinerate, or expose contents to water

Available Terminations:

S-Standard Termination T-Solder Tabs P-Axial Pins
Special terminations available upon request