

ULTRALIFE[®]Batteries

We. Are. Power.[™]

U2550HCE-CF-UFA

Technical Datasheet

The Ultralife Advantage

Better technology. Our lithium-based (lithium-manganese dioxide, lithium ion and lithium polymer) technologies enable us to design leading-edge power solutions for the world's most demanding applications.



FEATURES

- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- 10-year shelf life
- Long operating life

APPLICATIONS

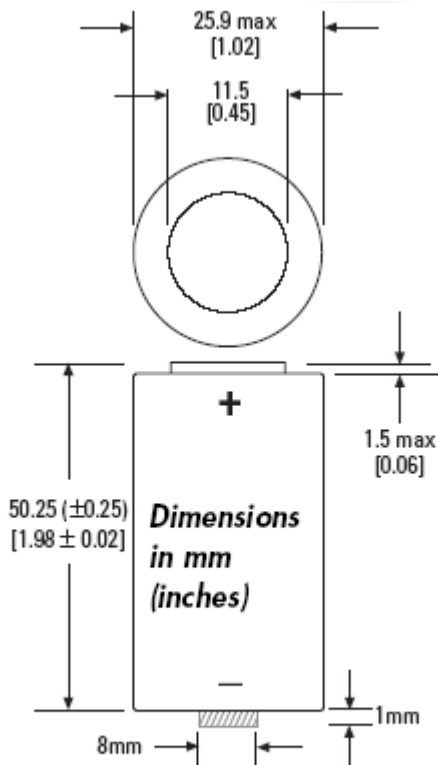
- Military, MIDS-LVT Terminal

SPECIFICATIONS

Part No	U2550HCE-CF-UFA
Cell Size	C size
Voltage Range	1.5 to 3.3 V
Average Voltage	3.0 V
Nominal Capacity	4.3 Ah @ 100 mA to 2.0 V @ 23° C
Max. Discharge	1.2 A continuous
Pulse Capability	Up to 2.6 A Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife.
Weight	60.0 grams
Operating Temp	-40° C to 72° C
Storage Temp	-55° C to 95° C (see note 3)
Exterior/Housing	Stainless steel with laser welded hermetic seal and Mylar sleeve, polyester label
Terminals/Connector	Stainless Steel flat end caps
Safety	Material Safety Datasheet – MSDSLiMn.
Transportation	Excepted – U.S.; Class 9 – Int'l. See note 1.

Note 1	For a complete description of transportation regulations and definitions of the transportation classifications "Excepted" and "Class 9," refer to the Ultralife web site at www.ultralifebatteries.com T.
Note 2	All 3 cells MUST be replaced at the same time.
Note 3	Storage at elevated temperatures for long periods of time reduces operational life and is not recommended. Storage at +95° C up to 4 hour periods is achievable.

DIMENSIONS



1mm of clearance must be allowed at this point between negative end cap and any adjacent surface.

Maximum axial mounting force: 20N

PERFORMANCE GRAPHS

