

U10025

Technical Datasheet



Features

- High energy density
- No voltage delay
- Wide operating temperature range
- Lightweight
- Up to 10-year shelf life
- Long operating life
- Re-settable fuse
- Safety shutdown separator
- Cell is hermetically sealed Ni-plated steel can

Applications

- Military, MIDS-LVT

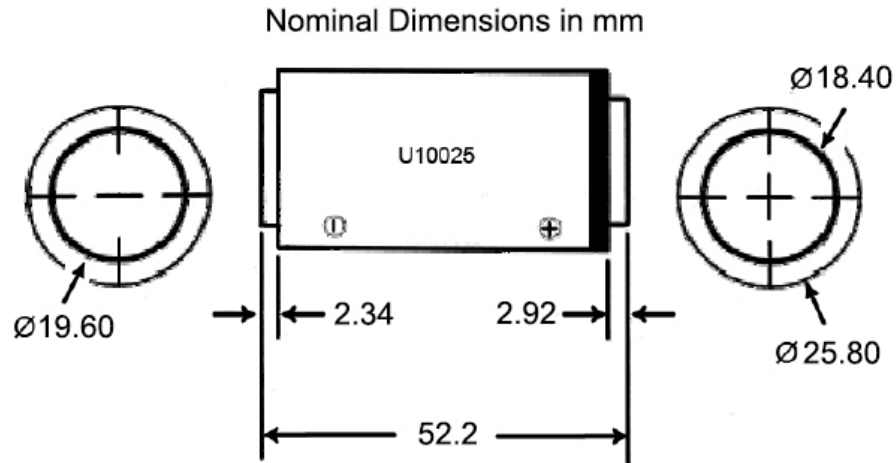
Technical Specifications

Part No.	U10025
NSN	6135-01-669-4851
Cell Size	C Size
Voltage Range	1.5 to 3.3V
Average Voltage	3.0V
Nominal Capacity	4.8Ah @ 150mA to 2.0V @ 23°C
Max. Discharge	2.0A continuous
Pulse Capability	Up to 2.6A Varies according to pulse characteristics, temperature cell history and the application. Consult Ultraife.
PTC	PTC re-settable fuse
Weight	61.0g
Operating Temperature	-40°C to 72°C
Storage Temperature ¹	-55°C to 95°C
Exterior/Housing	Hermetic Ni-plated steel can. End caps, tabs and insulating sleeve
Terminals/Connector	Flat Ni-plated +/- End Caps
Safety	Material Safety Datasheet - MSDS023 Safety Guide UBM-5135
Transportation ²	Class 9 - U.S. and International
Export License	ECCN 3A611.x. export license required to export from U.S.
Harmonized Tariff Schedule	8506.50.0000

Notes

1. 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.
2. A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.
3. The U10025 replaces the U2550HCES-F95 and is the only cell approved for use in the MIDS-LVT. All 3 cells MUST be replaced at the same time.

Dimensions



Performance Graphs

