

U10025

Technical Datasheet



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

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

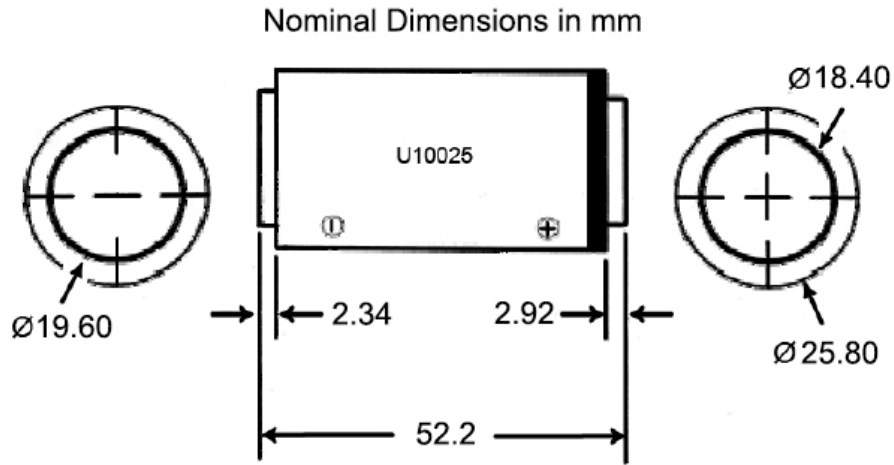
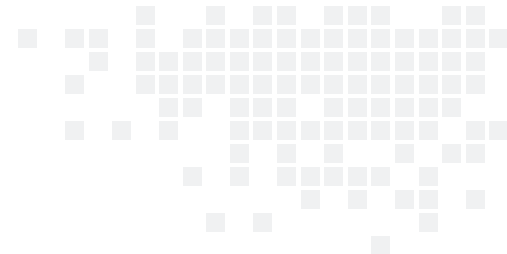
Applications

- Military, MIDS-LVT

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

