

U10004 Thin Cell[®]

Technical Datasheet



Features

- Long shelf life
- High energy density
- Wide operating temperature range
- Lightweight
- Compatible with laminating technologies

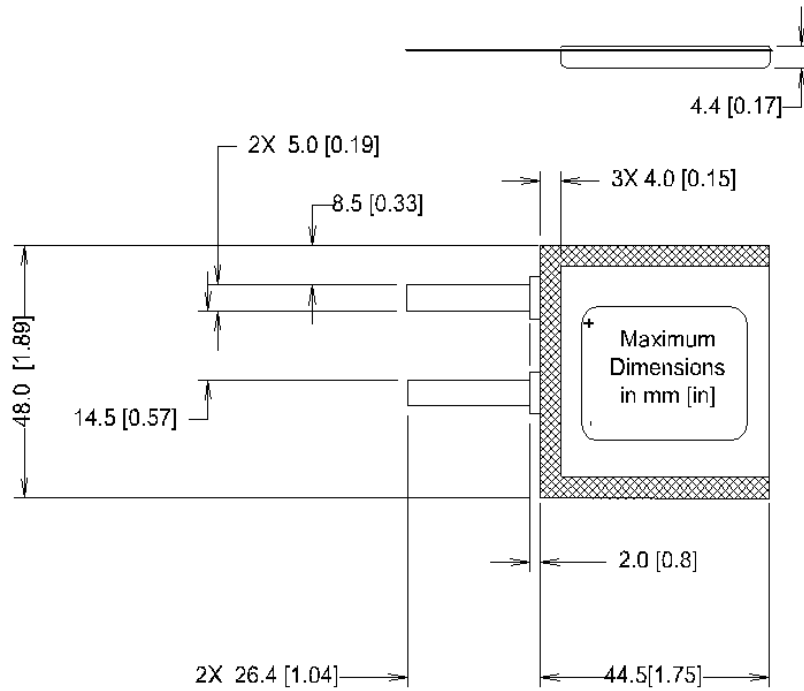
Applications

- “Smart” security cards
- One-time use devices
- Asset tracking tags
- Bank theft tracking systems
- Electronic record tracking systems
- Medical devices

Technical Specifications

Part No.	U10004: with 25.4 ± 1.0mm Ni tabs U10004-01: with 12.5 ± 1.0mm Ni tabs
Voltage Range	1.5 to 3.3V
Average Voltage	3.0V
Nominal Capacity	1.5Ah @10mA to 1.5V @ 23°C
Max. Discharge	125mA continuous
Pulse Capability	Up to 1.5A for 500ms Varies according to pulse characteristics, temperature, cell history and the application. Consult Ultralife
Weight	15.0g
Operating Temperature	0°C to 55°C
Storage Temperature	-40°C to 71°C
Exterior/Housing	Laminated Aluminum Foil
Terminals/Connector	(+): Ni 201, (-): Ni 201 (see note 1)
Safety	UL Component Recognition - UL1642 Material Safety Datasheet - MSDS146 Safety Guide UBM-5135
Transportation	Exempted from regulations for packages with gross mass of 2.5kg or less (see note 2)
Note 1	Do not solder directly to the tabs of the Thin Cell [®] . Contact Ultralife for assistance.
Note 2	A complete description of transportation regulations, lithium weights and transportation classifications is available on the Ultralife website.

Dimensions



Performance Graphs

