

RESONETICS®

CONTEGO® 1.5 mAh BATTERY

Implantable
Lithium-Ion



Resonetics® designs and manufactures implantable battery solutions for a wide range of medical devices. From off-the-shelf products to application-specific designs, our batteries are engineered to deliver reliable performance in demanding environments.

Features and benefits

- Long cycle life
- ISO 13485 certified
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long shelf life
- Case negative design
- Micro cell design

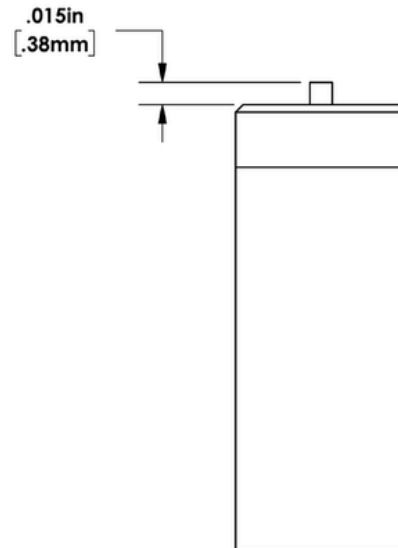
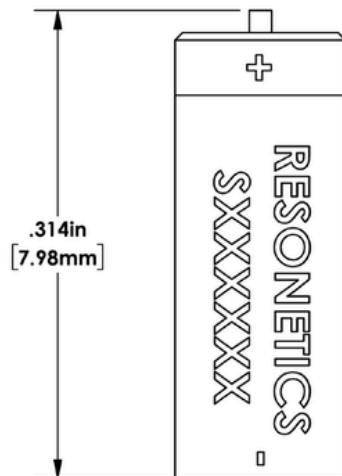
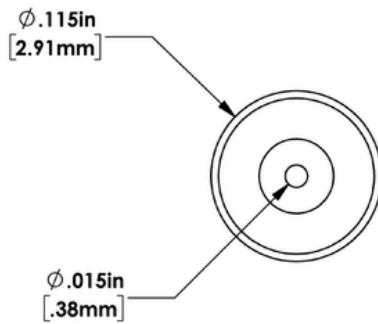
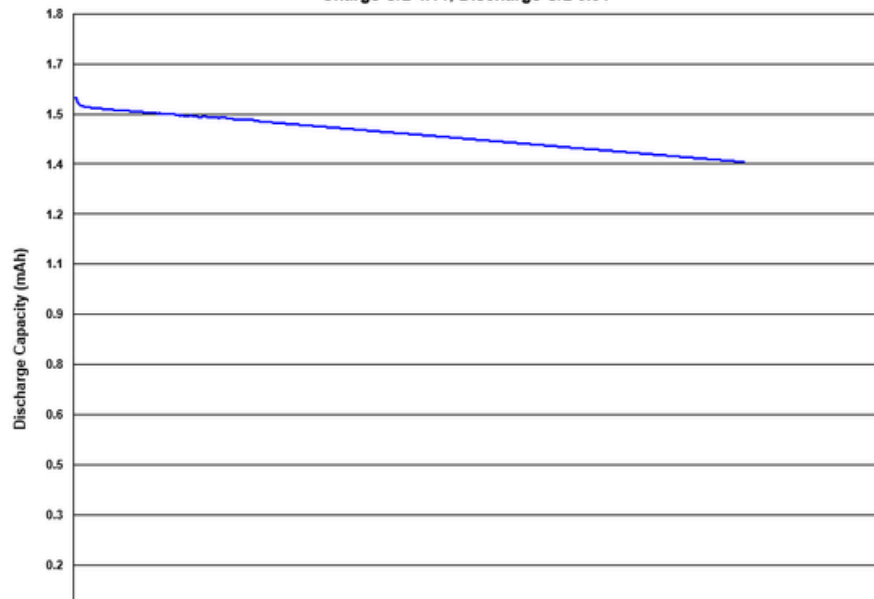
Applications

- Neuromodulation
- Monitoring
- Sleep apnea
- Incontinence
- Various
 - Rate and capacity dependent

Specifications

Part number	99-2356
Weight	0.147g
Dimensions	See details on back
Nominal voltage	3.6V
Voltage range	3.0 - 4.1V
Capacity at C/2 and 20°C (68°F)	1.25 mAh at C/2 (0.75 mA) charge to 4.1 V & C/2 discharge to 3.0V & 20°C (68°F) at beginning of life
Recommended continuous charge rate	C/2 (0.75 mA)
Cycle life at 37 °C (99°F)	>75% beginning of life capacity after 500 cycles C/2 (0.75 mA) charge to 4.1V C/2 discharge to 3.0V
Volume	0.051 cc
Operating temperature	37°C (99°F)
Recommended storage conditions	20±5°C (68±9°F)
Case material	Titanium
Terminals	Molybdenum
Currently available as:	Not for Human Use Prototypes

Contego 1.5mAh
Cycle Life Testing at 37°C
Charge C/2 4.1V, Discharge C/2 3.0V



Learn More
[Resonetics.com](https://www.resonetics.com)