

RESONETICS®

CONTEGO® 3 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

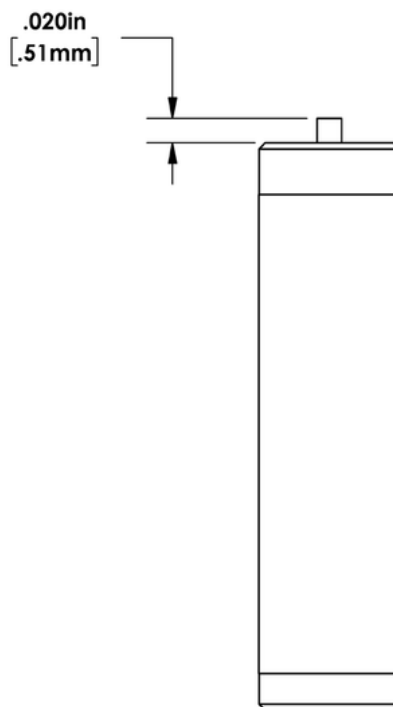
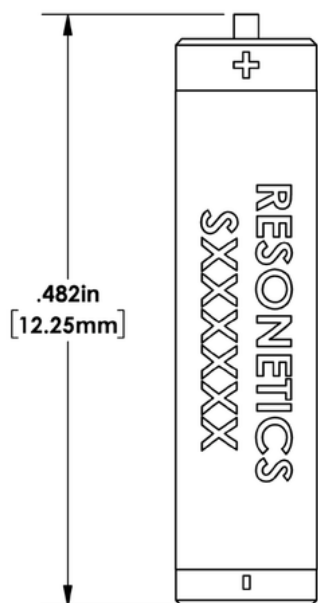
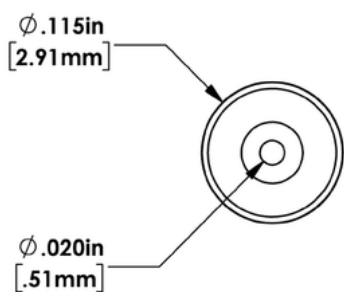
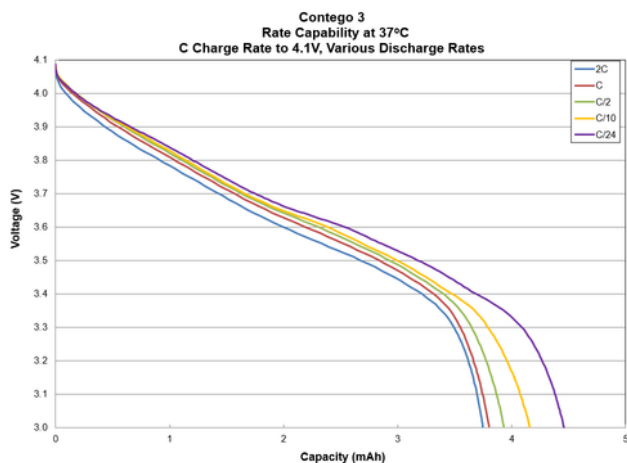
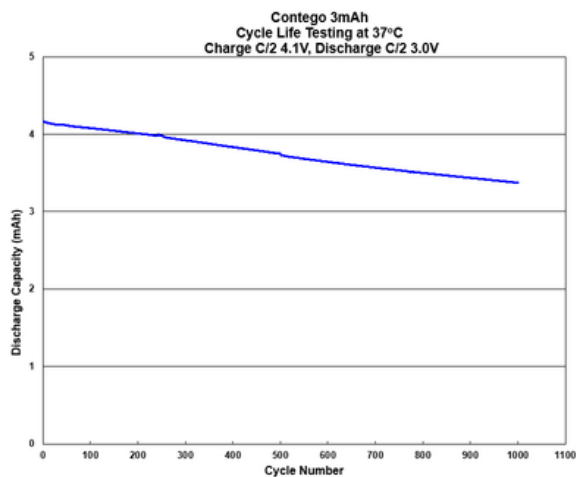
- Long cycle life
- ISO 13485 certified
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long shelf life
- Case negative design
- Micro cell design

Applications

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

Specifications

Part number	99-2305
Weight	0.25g
Dimensions	See details on back
Nominal voltage	3.6V
Voltage range	3.0 - 4.1V
Capacity at C/5 and 20°C (68°F)	2.8 mAh at C/5 charge to 4.1V & C/5 discharge to 3.0V & 20°C (68°F) at beginning of life
Recommended continuous charge rate	C
Cycle life at 37 °C (99°F)	>80% capacity after 1,000 cycles C/2 charge to 4.1V C/2 discharge to 3.0V
Volume	0.08 cc
Operating temperature	37°C (99°F)
Recommended storage conditions	20±5°C (68±9°F)
Case material	Titanium
Terminals	Molybdenum
Transportation safety	UN recommendations on the transportation of dangerous goods ST/SG/AC.10/11
Options	Custom terminations Application specific testing



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Resonetics.com