

RESONETICS®

CONTEGO® 50 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

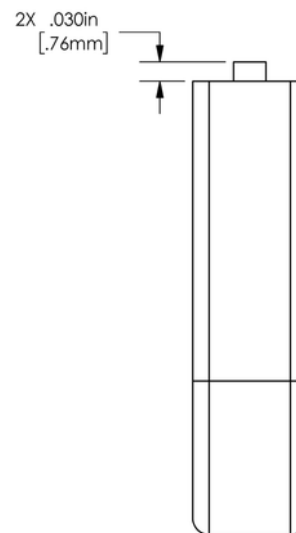
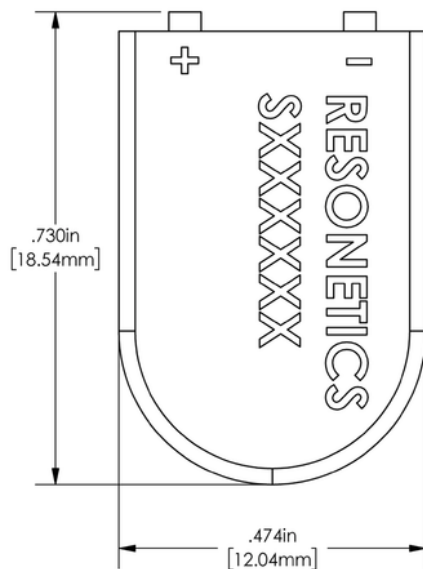
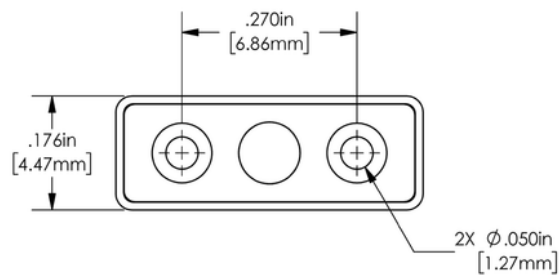
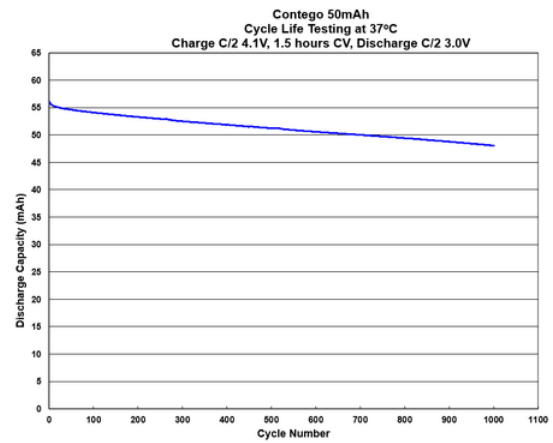
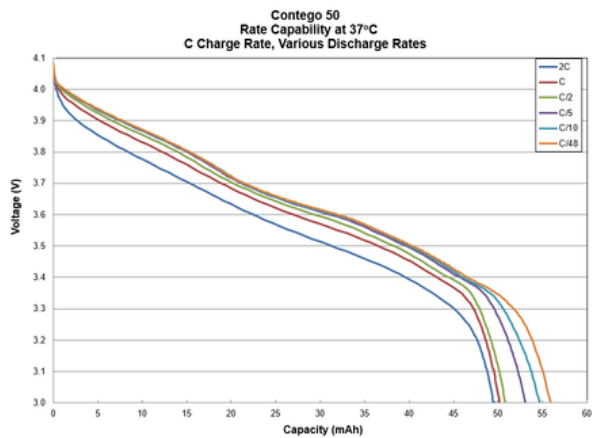
- Long cycle life
- ISO 13485 certified
- Fully welded hermetically sealed design
- Thermal shutdown separator
- Long shelf life
- Case neutral design
- Excellent rate capability

Applications

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

Specifications

Part number	D-0020
Weight	2.5g
Dimensions	See details on back
Nominal voltage	3.6V
Voltage range	3.0 - 4.1V
Capacity at C/5 and 20°C (68°F)	50 mAh at C/5 charge to 4.1V C/5 discharge to 3.0 V and 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	0.88 cc
Energy density	228 Wh/L
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
Battery safety	IEC 62133
Options	Custom terminations Application specific testing



Learn More
Resonetics.com