

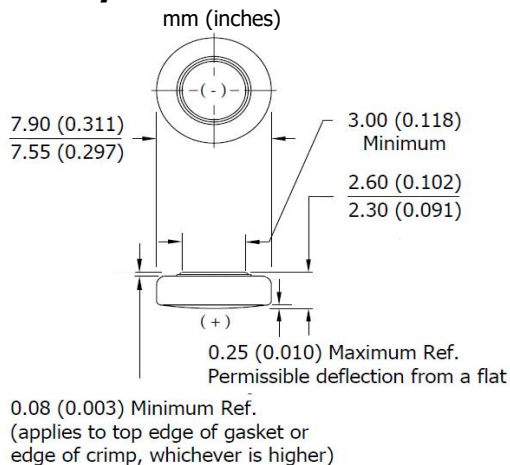
## ENERGIZER 397

## ZERO MERCURY

## SILVER OXIDE



### Industry Standard Dimensions



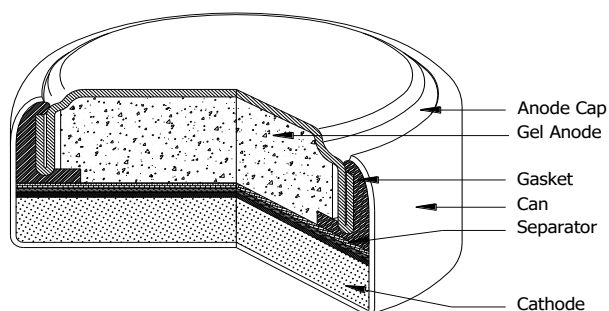
DESIGNED FOR USE ON CONTINUOUS LOW DRAIN

### General Information

|                           |                                           |
|---------------------------|-------------------------------------------|
| <b>Chemical System:</b>   | Silver Oxide (Zn/Ag <sub>2</sub> O)       |
| <b>Designation:</b>       | ANSI-1164SO/1163SO, IEC-SR59              |
| <b>Nominal Voltage:</b>   | 1.55 Volts                                |
| <b>Typical Capacity:</b>  | 34 mAh* (to 1.2 volts)                    |
| <b>Capacity Test:</b>     | 33K ohm continuous drain at 21°C          |
| <b>Typical Weight:</b>    | 0.5 grams (0.018 oz.)                     |
| <b>Typical Volume:</b>    | 0.13 cubic centimeters (0.008 cubic inch) |
| <b>Impedance (40 Hz):</b> | 15 to 30 ohms                             |

\* Varies according to the applied load, temperature, and cutoff voltage.

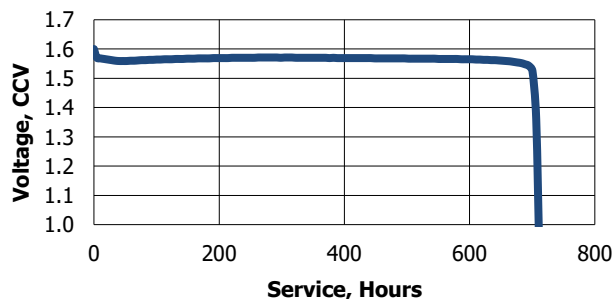
### Cross Section



### Typical Discharge Characteristics

Typical Performance at 21°C (70°F)

**Schedule:** Continuous  
**Typical Drain @1.56V:**  
0.047 milliamperes  
**Load:** 33K ohm

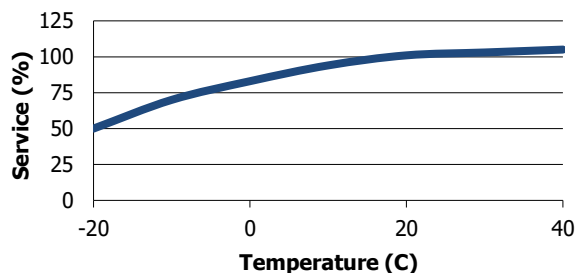


| <u>Schedule</u> | <u>Typical Drains</u><br>at 1.49V<br>(milliamperes) | <u>Load</u><br>(ohm) | <u>Cutoff</u><br>1.2V<br>(hours) |
|-----------------|-----------------------------------------------------|----------------------|----------------------------------|
| Continuous      | 0.047                                               | 33K                  | 718                              |

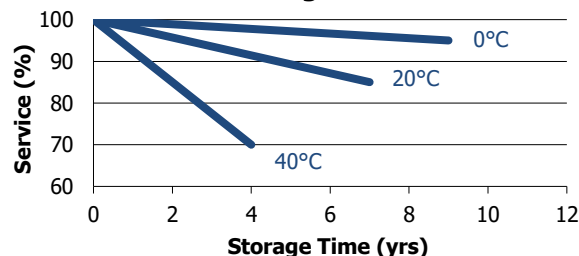
### Temperature Characteristics

Typical Performance at Low Discharge Rates

#### Service Effects



#### Storage Effects



### Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.  
**Contents herein do not constitute a warranty and are for reference only.**