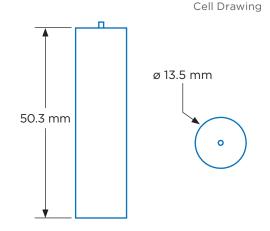
4205 Low Rate AA Cell Lithium Thionyl Chloride

165LR Series

Physical Characteristics

oride



Electrical Characteristics

Cell Type	Primary
Open Circuit Voltage (25°C)	3.67 V
Nominal Capacity	1.4 Ah
Maximum Continuous Current	10 mA
Operating Temperature	-40°C to +165°C
Self Discharge Rate	<2% per year
Storage Temperature	≤ 25°C
Discharge Condition	10 mA, 23°C



0.6 0.8

Amp-hr

Discharge Curve

1.2 1.4 1.6

10 mA, 23°C

Key Features

- Primary chemistry (non-rechargeable)
- Low rate capability
- Bobbin style construction
- · Stainless steel container
- Hermetic glass-to-metal sealing
- Restricted for transportation (Class 9)
- · Custom terminations available

Main Applications³

Memory back-up

0.2 0.4

- Animal telemetry
- · Low current downhole oil and gas

NOTE: ¹ The information on this datasheet is for marketing purposes only. Please consult with Electrochem for more information regarding how our cells will perform within your application. ² The information in this document is subject to change without notice and does not constitute a warranty of performance. ³ This product and its external electrical contact materials are RoHS compliant. See our "RoHS Statement" for more information. ⁴ The length dimension was based off of a flat termination. The use of other terminations will impact overall cell length. ⁵ Diameter measurements include shrink when application needs.

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