LITHIUM MANGANESE DIOXIDE: CR123A

Key Characteristics
- High and stable operating voltage
- Low self-discharge rate (less than 3% after 1 year storage at 25°C)
- Operating temperature (-40°C~+60°C)
- Hermetic glass-to-metal sealing
- Nickel-plated steel container
- Organic electrolyte
- Spiral type

UL (MH48131), CE
http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/showpage.html?name=BBCV2.MH48131&ccnshorttitle=Lithium+Batteries+-&oid=1081630466&cfgid=1073741824&version=versionless&parent_id=1073747351&sequence=1

ISO9001:2008 approved

Warning
- Fire, explosion and severe burn hazard.
- Do not recharge, crush, disassemble, heat, above 212°F (100°C), incinerate, short circuit or expose contents to water.
- Do not reverse the positive and negative pole of battery while using it.
- Do not solder directly on the battery.
- Dispose of used batteries promptly.

Please see latest guidelines, cautions and MSDS online:
http://en.globtek.com/safety-cautions/

Characteristics
- Chemistry: Lithium Thionyl Chloride Li Socl2 Batteries
- Nominal capacity (10mA-2.0v) 1400mAh
- Nominal voltage 3.0v
- Max. constant current 2000mA
- Max. pulse current 3000mA
- Weight 20g
- Volume 17.0 X 34.5mm
- Workable temperature -40 ~ 60°C

Main Applications
- Utility meters (electricity meters, water meters, gas meters).
- Security systems (door lockers, smoke alarm sensors, detectors)
- CMOS memory and RTC backup
- Vehicle tracking
- Industrial clocks
- Sea buoys, remote monitoring systems, industrial clocks
- Military electronics

Note: Any information here is for reference only. Information is also dependent on actual conditions of use does not guarantee future performance. And subject to change.

www.globtek.com
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Available terminations:
-/P axial pins
-T/PT2 radial pins
-/PT/TP polarized tabs

Available terminations can be made as requested.

Voltage vs Temperature

Discharge Characteristics

Storage Characteristics

Capacity vs Current

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