| | data sneet no. / part no. | | 5020012 | |
|--|-----------------------------------|--|--|--|
| ANCHANN | data sheet no. / part no. | | 5020012 | |
| | ANSMANN Specifications for model: | | 1pcs blister package | |
| | | | CR-123A Lithium Battery | |
| weight (incl. battery) | 25 g | Ø1 | | |
| blister card dimensons: | 123 x 86 mm | | 0% QUECKSILBER MERCURY | |
| | - | ~ | | |
| weight: | 16.5 ± 2 | g = | | |
| height H1: height H2: | 34.5 - 1.0 1.6 - 0.6 | | | |
| diameter Ø2: | 6.5 - 1.0 | | | |
| diameter Ø1: | 17.0 - 0.7 | mm $\overset{@2}{\checkmark}$ $\overset{\mathbb{I}^2}{\checkmark}$ | A DESCRIPTION OF A DESC | |
| mechanical specificatio cell dimensions | ns | 7 0 11. | | |
| relative humidity: | ≤ 75% | during storage | CR123A 3V | |
| | | - . | Ceptite Ceptite | |
| | - 2045 °C 520 °C | storage temperature recommended storage temper | | |
| range: | - 4060 °C | operating temperature | | |
| ambient temperature | | | | |
| shelf life: | 10 years | under proper storage conditions | | |
| internal resistance: | ≤ 0.5 Ω | sine wave AC method (1kHz; 0.1mA) according to IEC 896-2 | | |
| pulse: | | aina waya AC mathed (411- |) 1mA) | |
| | 3000 mA | | | |
| max. discharge current continuous: | 1500 mA | | | |
| | 2.2 2.0 0 200 400 600 | 800 1000 1200 1400 1600 1800 Capacity/mAh | 2.2 2.0 0 200 400 600 800 1000 1200 1400 1600 1800 Capacity/mAh | |
| | 2.4 | | 2.4 | |
| | 2.8 Bett 2.6 | | 3.0 2.8 2.6 | |
| | 3.2 | | 3.2 | |
| discharge diagrams | 3.4 Typical dis | charge curve at RT | Performance at different temperature | |
| | >1000 cycles | at 23°C; End Voltage (EV): 1.5 | 5V | |
| | | es at 23°C; End Voltage (EV): 1.55V load: 1200mA for 3s, rest time 7s | | |
| pulse load: | \$1600 avel | load: 900mA for 3s, rest time 27s | | |
| duration | | new battery | | |
| | 1000 mAh | discharge at 1000mA constant End Voltage (EV): 2.0V | ;; continuous | |
| minimum: | 1500 mAh | discharge at 10mA constant; continuous End Voltage (EV): 2.0V | | |
| rated: | 1600 mAh | discharge at 1mA constant; 24hours/day End Voltage (EV): 2.0V | | |
| capacity | 1600 mAb | measurements at 23°C ambient; new battery | | |
| closed circuit voltage: | 2.93.4 V | measured after 1s under load of 50Ω | | |
| nominal voltage: open circuit voltage: | 3.0 V 3.03.5 V | new battery | | |
| | | conditions, remarks | | |
| battery size: chemical system: | | CR-123A (CR-17345) Manganese Dioxide Lithium Battery | | |
| battery type: | | lithium primary battery | | |
| battery type: | | lithium primary battery | | |

supplier no.

author / date

701801

TG / 17.10.2017