

1.2V 1800 Mah - SC - Ni-Cd Battery - PVC - Flat Head

Stock Code
900.600.503.052

SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd
Model SC / 1800 mAh

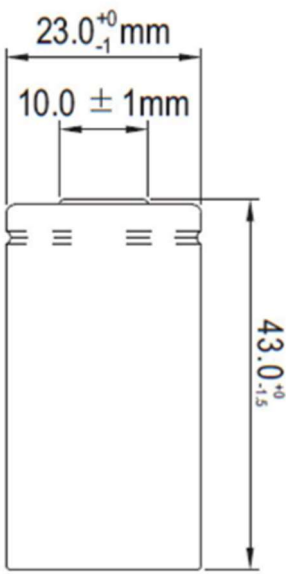

TECHNICAL INFORMATION

| Item | Specifications | Conditions |
|--------------------------------------|-----------------------------|---|
| Nominal Voltage | 1.2V | |
| Nominal Capacity | 1.800 mAh | Standard Charge/Discharge |
| Standard Charge | 180 mA (0.1C) × 16 hrs | Ambient temperature of 20±5°C, Relative Humidity: 65±20% |
| Standard Discharge | 360mA (0.2C) | to 1.0V/cell / -20°C to 60°C |
| Maximum Continuous Discharge Current | 5.400 mA | 3C |
| Storage Temperature | -20 °C ~ 35°C | Discharged state |
| Weight | 60gr. / approx. | |
| Open Circuit Voltage(OCV) | ≥1.25V | Within 1hr after standard charge |
| Internal Impedance | ≤25mΩ | The initial internal resistance is measured at 1KHz within 1-4 hours after standard charge. |
| Overcharge | No leakage nor explosion | The overcharge test is measured with a discharge current of 0.2C and a discharge final voltage of 1.0V/cell within 1-4 hours after charging for 28 days at a current of 0.1C. Check cell appearance after overcharge. |
| Charge Retention | ≥1500(60%) | Standard Charge, Storage:7 day rest at 45°C Ambient Temperature, Standard Discharge |
| Cycles Test | ≥500 Cycle | IEC61951-2:2003 |

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TECHNICAL DRAWINGS

| Item | Specifications | Drawings |
|--|-------------------|---|
| Diameter | 23.0 +0 / -1.0 mm |  |
| Height | 43.0 +0 / -1.5 mm | |
| High Top | - | |
| IMAGE | | |
|  | | |