

PX13-4/5SCP - 1.2V 1300 Mah - 4/5 SC - 10C

Stock Code  
900.600.503.351

## SPECIFICATIONS OF SINGLE CELL

Type Nickel-Cadmium / Ni-Cd

Model 4/5 SC / 1300 mAh - 10C

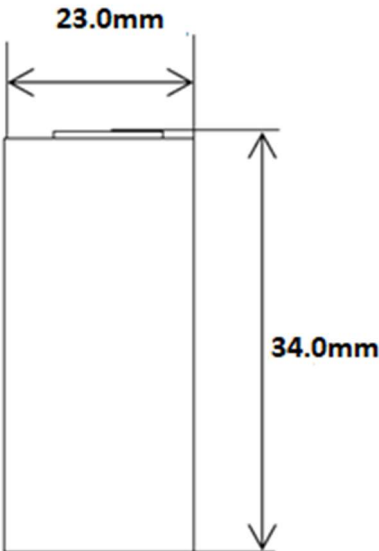

## TECHNICAL INFORMATION

| Item                                 | Specifications           | Conditions  |
|--------------------------------------|--------------------------|---|
| Nominal Voltage                      | 1.2V                     |   |
| Nominal Capacity                     | 1.370 mAh                | Standard Charge/Discharge   |
| Minimum Capacity                     | 1.300 mAh                |   |
| Standard Charge                      | 130 mA(0.1C) × 16 hrs    | Ambient temperature of 20±5°C,<br>Relative Humidity: 65±20%   |
| Standard Discharge                   | 260mA (0.2C)             | to 1.0V/cell / -20°C to 60°C  |
| Rapid Charge                         | 1.300mA for 1.25 hours   | -delta V controlled: 15mV/cell cut-off<br>dT/dt controlled: 1°C per min   |
| Trickle Charge                       | 39mA to 65mA.            | Ta=0 ~ 45°C   |
| Fast Discharge                       | 1.000mA to 1.0V          | 10°C to 40°C  |
| Maximum Continuous Discharge Current | <b>13.000mA</b>          | <b>10C</b>  |
| Storage Temperature                  | -20 °C ~ 35°C            | Discharged state  |
| Weight                               | 46gr. / approx.          |   |
| Open Circuit Voltage(OCV)            | ≥1.25V                   | Within 1hr after standard charge  |
| Internal Impedance                   | ≤18mΩ                    | The initial internal resistance is measured at 1KHz within one hour 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                     | ≥400mAh                  | After standard charge and storage time of 28 days at an ambient temperature of 20°C±2°C, the capacity is measured with a discharging current of 0.2C and a discharge final voltage of 1.0V.                           |
| Cycles Test                          | <b>≥500 Cycle</b>        | IEC61951-2:2003   |

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## TECHNICAL DRAWINGS

| Item   | Specifications    | Drawings  |
|--|-------------------|---|
| Diameter   | 23.0 +0 / -1.0 mm |  |
| Height   | 34.0 +0 / -1.5 mm |   |
| IMAGE  |                   |   |
|  |                   |   |