

SPECIFICATIONS OF SINGLE CELL

Type	Nickel-Cadmium / Ni-Cd
Model	SC / 2000 mAh

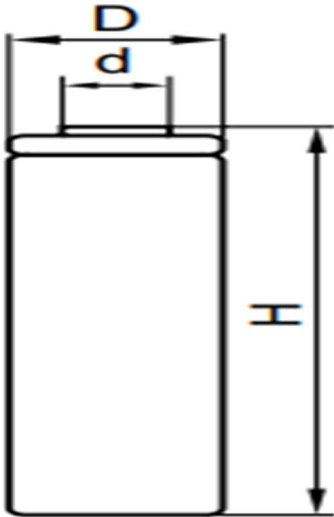
TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	1.2V	
Nominal Capacity	2.100 mAh	Standard Charge/Discharge
Minimum Capacity	2.000 mAh	
Standard Charge	200 mA (0.1C) × 16 hrs	Ambient temperature of 20±5°C, Relative Humidity: 65±20%
Standard Discharge	400 mA (0.2C)	to 1.0V/cell / -20°C to 60°C
Fast Charge	1000mA for 2.6 hours	-delta V controlled: 15mV/cell cut-off dT/dt controlled: 1°C per min
Trickle Charge	60mA to 100mA	Ta=0 ~ 45°C
Fast Discharge	1000mA to 1.0V	10°C to 40°C
Maximum Continuous Discharge Current	5.400mA	2.7C
Storage Temperature	-20 °C ~ 35°C	Discharged state
Weight	47gr. / 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	≥400mA	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	≥500 Cycle	IEC61951-2:2003

PX20SCFT - 1.2V 2000 Mah - SC - Ni-Cd Battery - Flat - 3C

Stock Code
900.600.503.376

TECHNICAL DRAWINGS

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