

**Ni-MH Battery**

**4/5SC220H (HR23/34)**

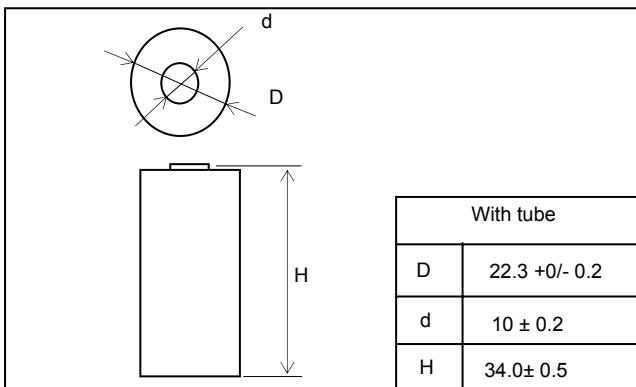
**Data Sheet**

Nominal Voltage:	1.2 V
Nominal Capacity:	2200 mAh
Minimal Capacity:	2100 mAh
Standard Charge:	220 mA, 14 hrs
Rapid Charge:	2200 mA, 1.1 hrs (control required)
Continuous Discharge:	less than 22000 mA
Final Discharge Voltage:	1.0 V (less than 10C)
Weight:	41 g (Approx)
Service Life:	≥ 500 cycles
(According to IEC 61951-2-2003)	
Internal Resistance:	8 mΩ (Approx)
Ambient Temperature:	Standard charge: 0 ~ 45°C
	Rapid charge: 0 ~ 40°C
	Discharge: -20 ~ 50°C
Store (65+20% RH):	Less than 30 days: -20 ~ 50°C
	Less than 90 days: -20 ~ 40°C
	Less than 360 days: -20 ~ 30°C

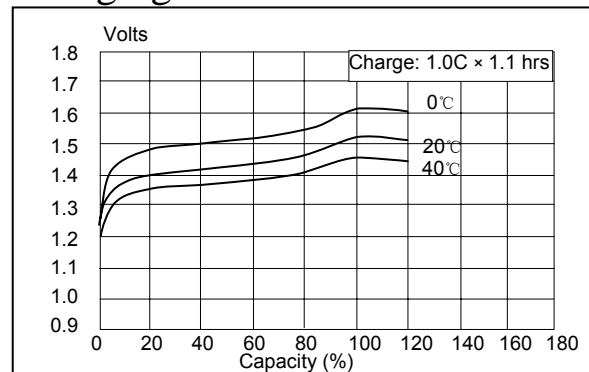
**Note:**

- Capacity obtained after charge at 0.1C for 14 hrs and discharge at 0.2C to 1.0V at 20°C
- Control required: 1)  $\Delta V$ : 0 ~ 5mV  
 2)  $d T / d t$ : 0.8°C/ min  
 3)  $T_{co}$ : 40 ~ 45°C

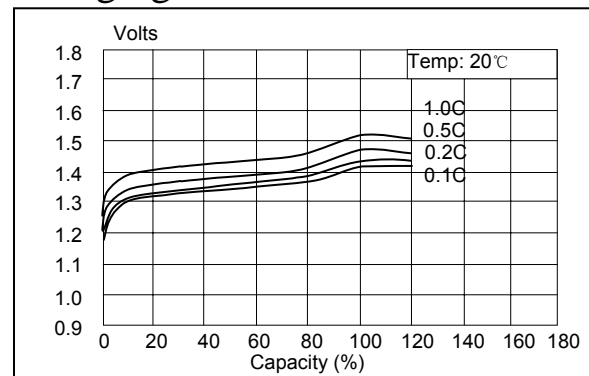
**Dimensions (mm)**



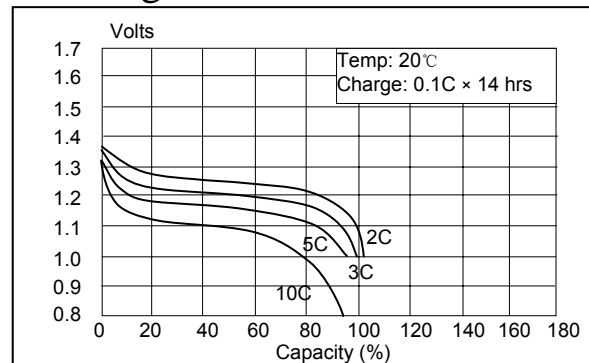
**Charging Characteristics ( I )**



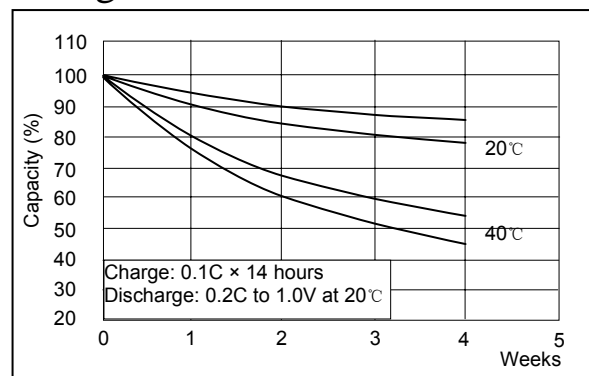
**Charging Characteristics ( II )**



**Discharge Characteristics**



**Storage Characteristics**



All data contained herein is for single cell and may vary for cell with specific configuration, subject to change without prior notice.