

Rechargeable Ni-MH Button Cell

High Temperature Type

MH-30/HT

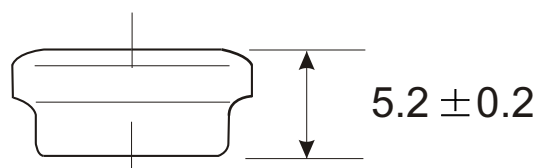
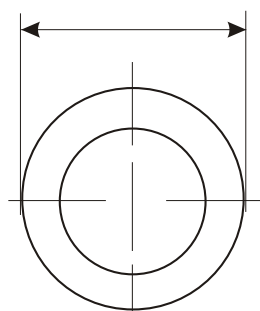
Specification

<u>No.</u>	<u>Item</u>	<u>Characteristics</u>
1	Chemistry	Nickel Metal Hydride / Potassium Hydroxide Electrolyte
2	Nominal Voltage	1.2V
3	Typical Capacity	40mAh
4	Approximate weight	1.8g
5	Dimension	Diameter: 11.6mm ± 0.2mm Height: 5.2mm ± 0.2mm
6	Storage Temperature Range	
	< 30 days	-40°C - 80°C
	< 90 days	-40°C - 65°C
	< 1 year	-40°C - 50°C
7	Operating Temperature Range	
	During discharge	-20°C - 80°C
	During charge	0°C - 80°C
8	Charging Method	
	Typical Charging	4mA for 14 - 16 hours
	Accelerated Charging (20°C)	8mA for 7 hours
	Fast Charging (Time controlled, voltage control recommended)	20mA for 3 hours*
	Trickle Charging	1.2mA
9	Overcharge (20°C)	4mA continuous
10	Charge Retention at 20°C (Capacity available after 1 month Storage at 20°C)	90%
11	Life Expectancy (typical):	
	IEC Cycle	500 Cycles
	Trickle Charge	up to 5 years (20°C)

* For fully discharged cells, 20°C

(Not to scale)

∅ 11.6 ± 0.2



Unit: mm

**Note: The data in this document are for descriptive purposes only and subject to change without prior notice.