

## Preliminary Data Sheet

<b>Type Number:</b>	55997	
<b>Sytem:</b>	Nickel Metal Hydride/ KOH Electrolyte	
<b>Nominal Voltage [V]:</b>	1.2	
<b>Nominal Capacity C [mAh]:</b>	6	
<b>Typical Capacity C [mAh]:</b>	7	
	at 60 $\mu$ A / 1.00 V	
<b>Weight, approx. [g]</b>	0.28	
<b>Dimensions [mm]:</b>	<b>min.</b>	<b>max.</b>
<b>Diameter [d]:</b>	6.7	6.8
<b>Height [h]:</b>	1.95	2.15

<b>UL Recognition:</b>	<b>MH 13654</b>
<b>Coding:</b>	Manufacturing 5 digit code (123 = day/4 = year/ 5 = version)

<b>Temperature Ranges [°C]</b>	<b>min.</b>	<b>max.</b>
<b>Storage:</b> less than 30 days	-40	65
<b>Discharge:</b>	-20	65
<b>Charge:</b>	0	65

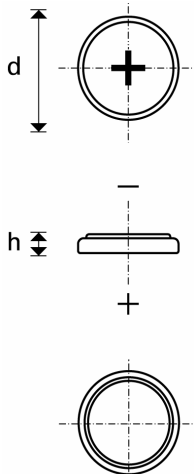
<b>Charging Method:</b>	
<b>Normal Charging:</b>	0.6 mA for 14 – 16 h
<b>Accelerated Charging (20°C):</b>	3 mA for 2.5 h
	Time controlled, voltage control recommended
<b>Trickle Charging:</b>	0.18 mA
<b>Overcharge (20°C):</b>	0.18 mA continuous 0.6 mA up to 6 months

<b>Charge Retention [%] at 20°C:</b>	80
	Capacity available after 1 month Storage at 20°C

<b>Internal Resistance [Ohm]:</b>	9
	at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)

<b>Impedance [Ohm]:</b>	3
	at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)

<b>Life Expectancy (typical):</b>	
<b>IEC Cycle:</b>	1000 Cycles (IEC 61951-2)
<b>Trickle Charge:</b>	up to 5 years (20°C)



Capacities based on normal charging