

### Data Sheet

<b>Type Number:</b>	55711	
<b>System:</b>	Nickel Metal Hydride/ KOH Electrolyte	
<b>Nominal Voltage [V]:</b>	1.2	
<b>Nominal Capacity C [mAh]:</b>	110	
<b>Typical Capacity C [mAh]:</b>	120	
	at 22 mA / 1.00 V	
<b>Weight, approx. [g]</b>	6	
<b>Dimensions [mm]:</b>	<b>min.</b>	<b>max.</b>
<b>Length [l]:</b>	13.9	14.1
<b>Width Facing [w]:</b>	25.4	25.6
<b>Height [h]:</b>	5.6	5.85

<b>UL Recognition:</b>	MH 13654 (N)	
<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>	11 mA for 14 – 16 h
<b>Accelerated Charging (20°C):</b>	22 mA for 7-8 h
<b>Fast Charging:</b>	55 mA for 3 h *
	Time controlled, voltage control recommended
<b>Trickle Charging:</b>	3.3 mA

<b>Overcharge (20°C):</b>	11 mA continuous
	22 mA up to 1 year

<b>Charge Retention [%] at 20°C:</b>	90
	Capacity available after 1 month Storage at 20°C

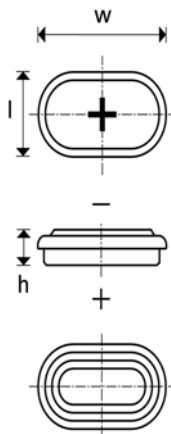
<b>Internal Resistance [Ohm]:</b>	1
	at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)

<b>Impedance [Ohm]:</b>	0.18
	at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)

<b>Typical Capacities [mAh]:</b>	
at 110 mA / 0.90 V	80

<b>Max. Discharge Current (cont.) [mA]:</b>	220
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<b>Life Expectancy (typical):</b>	
<b>IEC Cycle:</b>	1000 Cycles
<b>Trickle Charge:</b>	up to 6 years (20°C)
<b>Trickle Charge:</b>	up to 5 years (45°C)



\* for fully discharged cells, 20 °C

Capacities based on normal charging