

**Data Sheet**

|                                  |                                          |             |
|----------------------------------|------------------------------------------|-------------|
| <b>Type Number:</b>              | 55996                                    |             |
| <b>Sytem:</b>                    | Nickel Metal Hydride/<br>KOH Electrolyte |             |
| <b>Nominal Voltage [V]:</b>      | 1.2                                      |             |
| <b>Nominal Capacity C [mAh]:</b> | 6                                        |             |
| <b>Typical Capacity C [mAh]:</b> | 6.2                                      |             |
|                                  | at 1,2 mA / 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>               | 2.1                                      | 2.3         |

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| <b>UL Recognition:</b> | <b>MH 13654</b>                                                    |
| <b>Coding:</b>         | Manufacturing 5 digit code<br>(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>                     | 0.06 mA                                     |
| <b>Overcharge (20 °C):</b>                   | 0.18 mA continuous<br>0.6 mA up to 6 months |

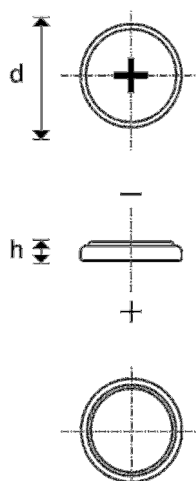
|                                                           |    |
|-----------------------------------------------------------|----|
| <b>Charge Retention [%] at 20 °C:</b>                     | 80 |
| Capacity available after 1 month Storage at 20 °C         |    |
| <b>Internal Resistance [Ohm]:</b>                         | 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: 1 kHz, (IEC 61951-2) |   |

|                                  |   |
|----------------------------------|---|
| <b>Typical Capacities [mAh]:</b> |   |
| at 6 mA / 0.9 V                  | 4 |
| at 12 mA / 0.9 V                 | 3 |

|                                             |    |
|---------------------------------------------|----|
| <b>Max. Discharge Current (cont.) [mA]:</b> | 18 |
|---------------------------------------------|----|

|                                   |                           |
|-----------------------------------|---------------------------|
| <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