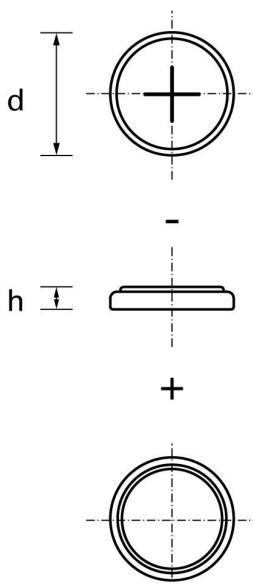


**Data Sheet**

|                                  |                    |             |
|----------------------------------|--------------------|-------------|
| <b>Type Number:</b>              | 55802              |             |
| <b>Nominal Voltage [V]:</b>      | 1.2                |             |
| <b>Nominal Capacity C [mAh]:</b> | 18                 |             |
| <b>Typical Capacity C [mAh]:</b> | 19                 |             |
|                                  | at 3,6 mA / 1.00 V |             |
| <b>Weight, approx. [g]</b>       | 0.9                |             |
| <b>Dimensions [mm]:</b>          | <b>min.</b>        | <b>max.</b> |
| <b>Diameter [d]:</b>             | 11.4               | 11.5        |
| <b>Height [h]:</b>               | 2.0                | 2.3         |



|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| <b>UL Recognition:</b> | MH 13654                                                        |
| <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         | 80          |
| less than 90 days                 | -40         | 65          |
| <b>Discharge:</b>                 | -20         | 80          |
| <b>Charge:</b>                    | 0           | 80          |
| <b>Accelerated charge:</b>        | 10          | 55          |

|                              |                                              |
|------------------------------|----------------------------------------------|
| <b>Charging Method:</b>      |                                              |
| <b>Normal Charging:</b>      | 1.8 mA for 14 – 16 h                         |
| <b>Accelerated Charging:</b> | 9 mA for 2.5 h                               |
|                              | Time controlled, voltage control recommended |
| <b>Trickle Charging:</b>     | 0.6 mA                                       |
| <b>Overcharge (20 °C):</b>   | 0.6 mA continuous<br>1.8 mA up to 1 year     |

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

|                                   |                                                        |
|-----------------------------------|--------------------------------------------------------|
| <b>Internal Resistance [Ohm]:</b> | 5                                                      |
|                                   | at charged cells, 20 °C, DC: 3.6mA/36mA, (IEC 61951-2) |

|                         |                                                  |
|-------------------------|--------------------------------------------------|
| <b>Impedance [Ohm]:</b> | 0.6                                              |
|                         | at charged cells, 20 °C, AC: 1kHz, (IEC 61951-2) |

|                                  |    |
|----------------------------------|----|
| <b>Typical Capacities [mAh]:</b> |    |
| at 18 mA/0.90 V                  | 15 |
| at 54 mA/0.90 V                  | 9  |

|                                             |     |
|---------------------------------------------|-----|
| <b>Max. Discharge Current (cont.) [mA]:</b> | 100 |
|---------------------------------------------|-----|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Life Expectancy (typical):</b> |                       |
| <b>IEC Cycle:</b>                 | 1000 Cycles           |
| <b>Trickle Charge:</b>            | up to 5 years (20 °C) |
| <b>Trickle Charge:</b>            | up to 3 years (45 °C) |

Capacities based on normal charging