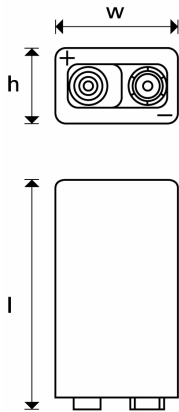


### Data Sheet

|                                  |  |             |
|----------------------------------|--|-------------|
| <b>Type Number:</b>              | 5122                                     |             |
| <b>System:</b>                   | Nickel Metal Hydride/<br>KOH Electrolyte |             |
| <b>Nominal Voltage [V]:</b>      | 8.4                                      |             |
| <b>Nominal Capacity C [mAh]:</b> | 170                                      |             |
| <b>Typical Capacity C [mAh]:</b> | 180                                      |             |
|                                  | at 28 mA / 7.00 V                        |             |
| <b>Weight, approx. [g]</b>       | 47,5                                     |             |
| <b>Dimensions [mm]:</b>          | <b>min.</b>                              | <b>max.</b> |
| <b>Length [l]:</b>               | 47.5                                     | 48.5        |
| Width Facing [w]:                | 25.5                                     | 26.6        |
| <b>Height [h]:</b>               | 15.0                                     | 15.7        |



|                                   |              |             |
|-----------------------------------|--------------|-------------|
| <b>UL Recognition:</b>            | MH 13654 (N) |             |
| <b>Coding:</b>                    | TBA          |             |
| <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>             | 17 mA for 14 -16 h                           |
| <b>Accelerated Charging (20°C):</b> | 34 mA for 7 h                                |
|                                     | Time controlled, voltage control recommended |
| <b>Trickle Charging:</b>            | 5.1 mA                                       |
| <b>Overcharge (20 °C):</b>          | 17 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>    | 5.6   |
|                                      | at charged cells, 20 °C, DC: 0.2 CA/2 CA, (IEC 61951-2) |
| <b>Impedance [Ohm]:</b>              | 0.9   |
|                                      | at charged cells, 20 °C, AC: 1kHz, (IEC 61951-2)        |

**Max. Discharge Current (cont.) [mA]:** 340

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>Life Expectancy (typical):</b> |                         |
| <b>IEC 61951 Cycle:</b>           | > 500 Cycles            |
| <b>Trickle Charge:</b>            | up to 5 years (20 °C)   |
| <b>Trickle Charge:</b>            | up to 2.5 years (45 °C) |

Capacities based on normal charging