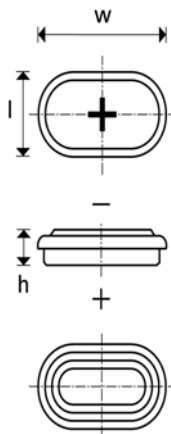


Data Sheet

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| | | |
|---|---|-------------|
| Type Number: | 55711 | |
| System: | Nickel Metal Hydride/ KOH Electrolyte | |
| Nominal Voltage [V]: | 1.2 | |
| Nominal Capacity C [mAh]: | 110 | |
| Typical Capacity C [mAh]: | 120 | |
| | at 22 mA / 1.00 V | |
| Weight, approx. [g] | 6 | |
| Dimensions [mm]: | min. | max. |
| Length [l]: | 13.9 | 14.1 |
| Width Facing [w]: | 25.4 | 25.6 |
| Height [h]: | 5.6 | 5.85 |
| UL Recognition: | MH 13654 (N) | |
| Coding: | Manufacturing 5 digit code (123 = day/4 = year/ 5 = version) | |
| Temperature Ranges [°C] | min. | max. |
| Storage: less than 30 days | -40 | 65 |
| Discharge: | -20 | 65 |
| Charge: | 0 | 65 |
| Charging Method: | | |
| Normal Charging: | 11 mA for 14 – 16 h | |
| Accelerated Charging (20°C): | 22 mA for 7-8 h | |
| Fast Charging: | 55 mA for 3 h * | |
| | Time controlled, voltage control recommended | |
| Trickle Charging: | 3.3 mA | |
| Overcharge (20°C): | 11 mA continuous 22 mA up to 1 year | |
| Charge Retention [%] at 20°C: | 90 | |
| | Capacity available after 1 month Storage at 20°C | |
| Internal Resistance [Ohm]: | 1 | |
| | at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2) | |
| Impedance [Ohm]: | 0.18 | |
| | at charged cells, 20°C, AC: 1kHz, (IEC 61951-2) | |
| Typical Capacities [mAh]: | | |
| | at 110 mA / 0.90 V | 80 |
| Max. Discharge Current (cont.) [mA]: | 220 | |
| Life Expectancy (typical): | | |
| IEC Cycle: | 1000 Cycles | |
| Trickle Charge: | up to 6 years (20°C) | |
| Trickle Charge: | up to 5 years (45°C) | |

* for fully discharged cells, 20 °C

Capacities based on normal charging