Rechargeable Ni-MH Block

Data Sheet

Type Number: 5122
System: Nickel Metal Hydride/KOH Electrolyte
Nominal Voltage [V]: 8.4
Nominal Capacity C [mAh]: 170
Typical Capacity C [mAh]: 180 at 28 mA / 7.00 V
Weight, approx. [g]: 47.5
Dimensions [mm]:
- Length [l]: 47.5 - 48.5
- Width Facing [w]: 25.5 - 26.6
- Height [h]: 15.0 - 15.7
UL Recognition: MH 13654 (N)
Coding: TBA
Temperature Ranges [°C] min. max.
- Storage: less than 30 days -40 65
- Discharge: -20 65
- Charge: 0 65
Charging Method:
- Normal Charging: 17 mA for 14 -16 h
- Accelerated Charging (20°C): 34 mA for 7 h
  Time controlled, voltage control recommended
- Trickle Charging: 5.1 mA
Overcharge (20°C): 17 mA up to 1 year
Charge Retention [%] at 20°C: 90
Capacity available after 1 month Storage at 20°C
Internal Resistance [Ohm]: 5.6
- at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)
Impedance [Ohm]: 0.9
- at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)
Max. Discharge Current (cont.) [mA]: 340
Life Expectancy (typical):
- IEC 61951 Cycle: > 500 Cycles
- Trickle Charge: up to 5 years (20°C)
- Trickle Charge: up to 2.5 years (45°C)

Capacities based on normal charging