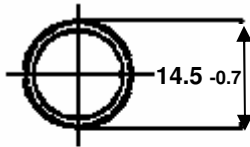


Data Sheet

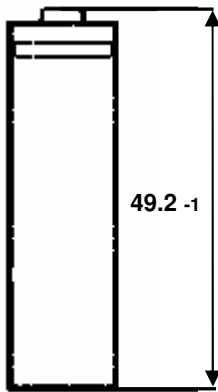
Type Number 55123
Designation IEC HR 15/51
System NiMH

Nominal Voltage 1.2 V
Rated Capacity (0.2C / 1.0V) 1800mAh



Impedance AC at 1kHz, fully charged ... < 26mOhm

Typical Capacity at
 0.2 C/ 1.00 V 1850mAh



Max Discharge Current (cont./1.0V) 5400mA

Dimensions

Diameter (a) 14.5_{-0.7} mm
 Height (b) 49.2_{-1.0} mm
 Cap Diameter (d) 6.5 mm
 Weight, approx 27g

Charge Conditions

Standard Charge 180 mA / 16 h (t_{max})
 Fast Charge (charge termination control recommended). 900 mA to 1800mA (0.5 to 1C)
 Control parameters -ΔU = 0 – 5 mV
 DT/dt = 0.8°C/min (0.5 to 0.9C)
 0.8°C – 1°C/min (1C)
 Temp. cut-off = 45 – 50°C
 Timer: 105% nominal input
 Trickle Charge (0.05-0.1 C) 90 - 180 mA

Temperature Range

Storage 1 Year ⁽¹⁾ -20°C - +25°C
 6 Month..... -20°C - +35°C
 1 Month..... -20°C - +45°C
⁽¹⁾ recharge every 6 months
 Charge 0°C - 45°C
 Fast Charge 10°C - 45°C
 Discharge -20°C - 50°C

All Data contained herein is for single cells

For battery applications, performance data may vary from single cell data, depending on specific battery configuration

VARTA Microbattery GmbH, Daimlerstr. 1, D-73479 Ellwangen/Jagst
 Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Subject to change without prior notice!
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