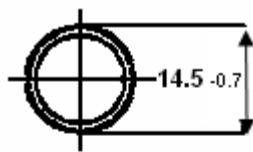


Data Sheet

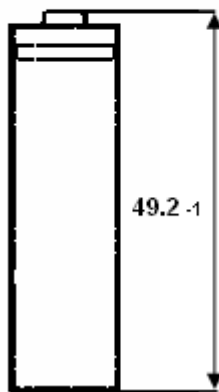
Type Number	55119
Designation IEC System	HR 15 / 51 NiMH
UL Recognition	MH13654
Nominal Voltage	1.2 V
Rated Capacity (0.2 C / 1.0 V)	1600 mAh

Impedance AC at 1 kHz, fully charged < 38 mOhm



Typical Capacity at 0.2 C / 1.00 V 1640 mAh

Max Discharge Current (cont. / 1.0 V) 4800 mA


Dimensions

Diameter (a)	14.5 _{-0.7} mm
Height (b)	49.2 _{-1.0} mm
Cap Diameter (d)	6.5 mm
Weight, approx	26 g

Charge Conditions

Standard Charge	160 mA / 16 h (t _{max})
Fast Charge (charge termination control recommended).	800 mA to 1600 mA (0.5 to 1C)
Control parameters	-ΔU = 0 – 5 mV DT / dt = 0.8 °C / min (0.5 to 0.9 C) 0.8 °C – 1 °C / min (1 C) Temp. cut-off = 45 – 50 °C Timer: 105 % nominal input
Trickle Charge (0.05 - 0.1 C)	80 - 160 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