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elektronikai alkatrész áruház

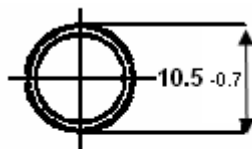
EN: This Datasheet is presented by the manufacturer.

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Data Sheet

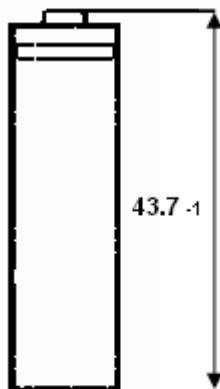
Type Number	55171
Designation IEC System	HR 11 / 45 NiMH
UL Recognition	MH13654
Nominal Voltage	1.2 V
Rated Capacity (0.2 C / 1.0 V)	700 mAh

Impedance AC at 1 kHz, fully charged < 40 mOhm



Typical Capacity at 0.2 C / 1.00 V 730 mAh

Max Discharge Current (cont. / 1.0 V) 2100 mA

Dimensions


Diameter (a) 10.5_{-0.7} mm
 Height (b) 43.7_{-1.0} mm
 Cap Diameter (d) 4.7 mm
 Weight, approx 13 g

Charge Conditions

Standard Charge 70 mA / 16 h (t_{max})
 Fast Charge (charge termination control recommended) 350 mA to 700 mA (0.5 to 1 C)
 Control parameters $-\Delta U = 0 - 5$ 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
 35 - 70 mA

Trickle Charge (0.05 - 0.1 C)

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