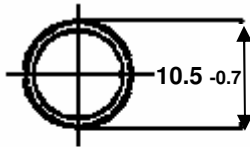


Data Sheet

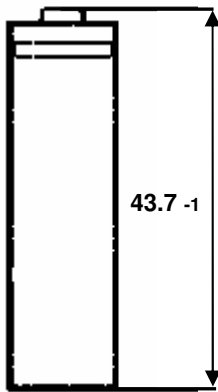
Type Number 55171
Designation IEC HR 11/45
System NiMH

Nominal Voltage 1.2 V
Rated Capacity (0.2C / 1.0V) 700mAh



Impedance AC at 1kHz, fully charged ... < 40mOhm

Typical Capacity at
 0.2 C/ 1.00 V 730mAh



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

Dimensions

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

Charge Conditions

Standard Charge 70 mA / 16 h (t_{max})
 Fast Charge (charge termination control recommended). 350 mA to 700mA
 (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) 35 - 70 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

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Subject to change without prior notice!
 Date of issue: 14.06.2007