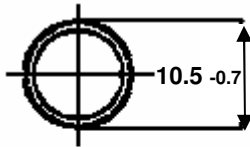


### Data Sheet

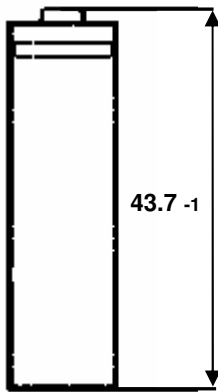
Type Number ..... 55171  
Designation IEC ..... HR 11/45  
System ..... NiMH

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<sub>-0.7</sub> mm  
Height (b) ..... 43.7<sub>-1.0</sub> mm  
Cap Diameter (d) ..... 4.7 mm  
Weight, approx ..... 13g

#### Charge Conditions

Standard Charge ..... 70 mA / 16 h (t<sub>max</sub>)  
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 <sup>(1)</sup> ..... -20°C - +25°C  
6 Month..... -20°C - +35°C  
1 Month..... -20°C - +45°C

<sup>(1)</sup> recharge every 6 months

Charge ..... 0°C - 45°C  
Fast Charge ..... 10°C - 45°C  
Discharge ..... -20°C - 50°C