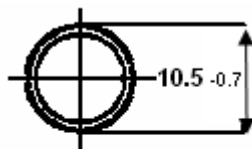


## Data Sheet

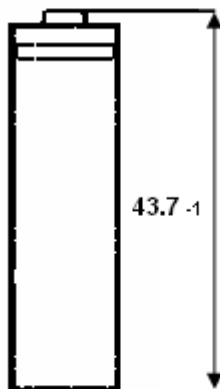
<b>Type Number</b>	55171
<b>Designation IEC System</b>	HR 11 / 45 NiMH
<b>UL Recognition</b>	MH13654
<b>Nominal Voltage</b>	1.2 V
<b>Rated Capacity (0.2 C / 1.0 V)</b>	700 mAh

**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 <sub>-0.7</sub> mm
Height (b)	43.7 <sub>-1.0</sub> 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
Trickle Charge (0.05 - 0.1 C)	Timer: 105 % nominal input 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

All Data contained herein is for single cells  
For battery applications, performance data may vary from single cell data, depending on specific battery configuration