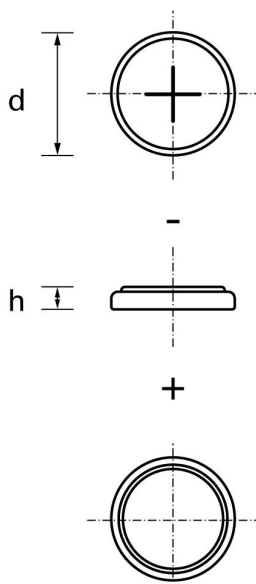


Preliminary Data Sheet

Type Number:	55803	
Sytem:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	18	
Typical Capacity C [mAh]:	19	
	at 3,6 mA / 1.00 V	
Typical Capacity C [mAh]:	22	
	at 200 μ A / 1.00 V	
Weight, approx. [g]	0.9	
Dimensions [mm]:	min.	max.
Diameter [d]:	11.4	11.5
Height [h]:	2.0	2.3



UL Recognition:	MH 13654	
Coding:	Manufacturing 5 digit code (123 = day/4 = year/ 5 = version)	
Temperature Ranges [°C]	min.	max.
Storage: less than 30 days	-40	80
less than 90 days	-40	65
Discharge:	-20	80
Charge:	0	80
Accelerated charge:	10	55
Charging Method:		
Normal Charging:	1.8 mA for 14 – 16 h	
Accelerated Charging:	9 mA for 2.5 h	
	Time controlled, voltage control recommended	
Trickle Charging:	0.6 mA	
Overcharge (20°C):	0.6 mA continuous	
	1.8 mA up to 1 year	
Charge Retention [%] at 20°C:	80	
	Capacity available after 1 month Storage at 20°C	
Internal Resistance [Ohm]:	5	
	at charged cells, 20°C, DC: 3.6mA/36mA, (IEC 61951-2)	
Impedance [Ohm]:	0.6	
	at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)	
Typical Capacities [mAh]:		
	at 18 mA/0.90 V	15
	at 54 mA/0.90 V	9
Max. Discharge Current (cont.) [mA]:	100	
Life Expectancy (typical):		
IEC Cycle:	1000 Cycles	
Trickle Charge:	up to 5 years (20°C)	
Trickle Charge:	up to 3 years (45°C)	

Capacities based on normal charging