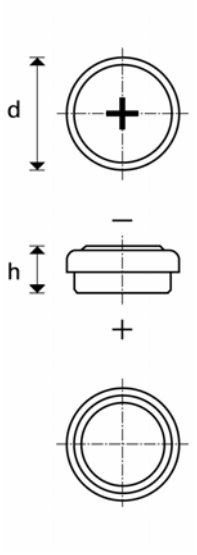
V 80 H

Rechargeable Ni-MH Button

Data Sheet



Type Number:	55608	
System:	Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	70	
Typical Capacity C [mAh]:	80	
At 14 mA / 1.00 V		
Weight, approx. [g]	4	
Dimensions [mm]:	**min.**	**max.**
Diameter [d]:	15.4	15.5
Height [h]:	5.8	6.0
UL Recognition:	MH 13654 (N)	
Coding:	Manufacturing 5 digit code (123 = day/4 = year/ 5 = version)	
Temperature Ranges [°C]	**min.**	**max.**
Storage: less than 30 days	-40	65
Discharge:	-20	65
Charge:	0	65
Charging Method:		
Normal Charging:	7 mA for 14 – 16 h	
Accelerated Charging (20°C):	14 mA for 7-8 h	
Fast Charging:	35 mA for 3 h *	
Time controlled, voltage control recommended		
Trickle Charging:	2.1 mA	
Overcharge (20°C):	7 mA continuous 14 mA up to 1 year	
Charge Retention [%] at 20°C:	90	
Capacity available after 1 month Storage at 20°C		
Internal Resistance [Ohm]:	1.3	
at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)		
Impedance [Ohm]:	0.22	
at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)		
Typical Capacities [mAh]:		
at 70 mA / 0.90 V	53	
Max. Discharge Current (cont.) [mA]:	140	
Life Expectancy (typical):		
IEC Cycle:	1000 Cycles	
Trickle Charge:	up to 6 years (20°C)	
Trickle Charge:	up to 3 years (45°C)	

* for fully discharged cells, 20 °C

Capacities based on normal charging

VARTA Microbattery GmbH, Daimlerstraße 1, D-73479 Ellwangen/Jagst
Tel.: (+49) 7961/921-0, Telefax: (+49) 7961/921-553

Subject to change without prior notice !

Date of Issue: 04-05-19