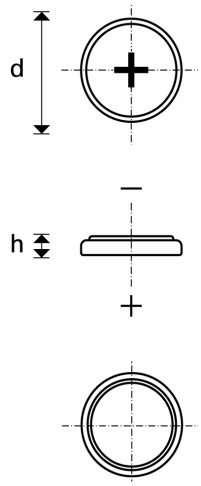
V 6 HR

Rechargeable Ni-MH Button

Preliminary Data Sheet



Type Number:	55996	
Sytem:	Nickel Metal Hydride/	
	KOH Electrolyte	
Nominal Voltage [V]:	1.2	
Nominal Capacity C [mAh]:	6	
Typical Capacity C [mAh]:	6.2	
at 1,2 mA / 1.00 V		
Weight, approx. [g]	0.28	
Dimensions [mm]:	**min.**	**max.**
Diameter [d]:	6.7	6.8
Height [h]:	1.95	2.15
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	65
Discharge:	-20	65
Charge:	0	65
Charging Method:		
Normal Charging:	0.6 mA for 14 – 16 h	
Accelerated Charging (20°C):	3 mA for 2.5 h	
Time controlled, voltage control recommended		
Trickle Charging:	0.18 mA	
Overcharge (20°C):	0.18 mA continuous	
	0.6 mA up to 6 months	
Charge Retention [%] at 20°C:	80	
Capacity available after 1 month Storage at 20°C		
Internal Resistance [Ohm]:	9	
at charged cells, 20°C, DC: 0.2 CA/2 CA, (IEC 61951-2)		
Impedance [Ohm]:	3	
at charged cells, 20°C, AC: 1kHz, (IEC 61951-2)		
Typical Capacities [mAh]:		
at 6 mA / 0.9 V	4	
at 12 mA / 0.9 V	3	
Max. Discharge Current (cont.) [mA]:	18	
Life Expectancy (typical):		
IEC Cycle:	1000 Cycles (IEC 61951-2)	
Trickle Charge:	up to 5 years (20°C)	

Capacities based on normal charging

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Date of Issue: 04-06-29