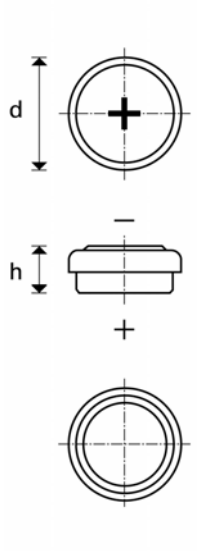
V 65 HT

Rechargeable Ni-MH Button

Data Sheet



Type Number:		55707	
System:		Nickel Metal Hydride/ KOH Electrolyte	
Nominal Voltage [V]:		1.2	
Nominal Capacity C [mAh]:		65	
Typical Capacity C [mAh]:		70	
at 13 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	80
	less than 90 days	-40	65
	less than 1 year	-40	50
Discharge:		-20	80
Charge:		0	80
Charging Method:			
Normal Charging:		6.5 mA for 14 – 16 h	
Accelerated Charging (20°C):		13 mA for 7 h	
Fast Charging:		32.5 mA for 3 h *	
Time controlled, voltage control recommended			
Trickle Charging:		1.95 mA	
Overcharge (20°C):		6.5 mA continuous 13 mA up to 1 year	
Charge Retention [%] at 20°C:		90	
Capacity available after 1 month Storage at 20°C			
Internal Resistance [Ohm]:		1.25	
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 65 mA / 0.90 V		50	
Max. Discharge Current (cont.) [mA]:		130	
Life Expectancy (typical):			
IEC Cycle:		1000 Cycles	
Trickle Charge:		up to 6 years (20°C)	
Trickle Charge:		up to 5 years (45°C)	

* for fully discharged cells, 20 °C

Capacities based on normal charging

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