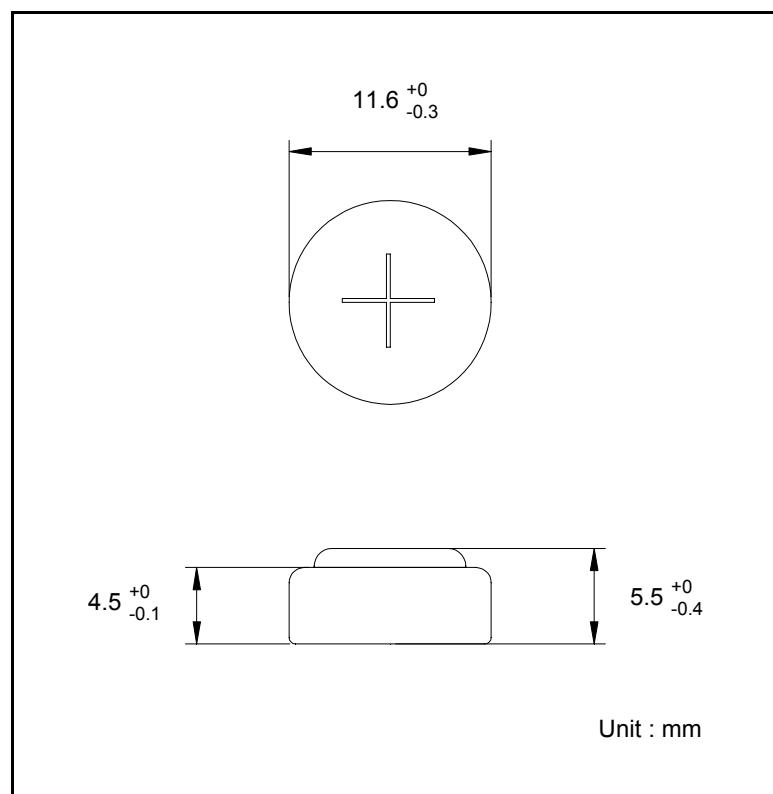


GP Batteries

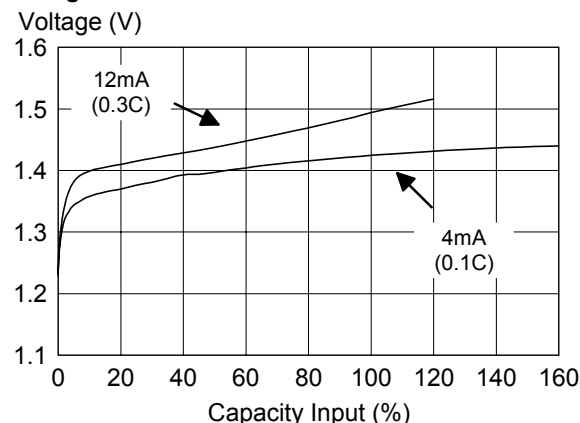
Data Sheet

Model No.: GP40BVH

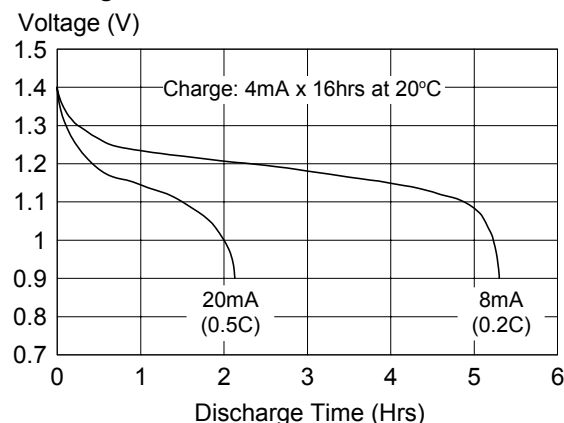
Type	: Rechargeable Nickel Metal Hydride Button Cell
Nominal Dimension	: $\Phi = 11.6\text{mm}$ H = 5.5mm
Applications	: Recommended discharge current 0.4 to 20mA
Nominal Voltage	: 1.2V
Nominal Capacity	: Minimum : 40mAh Typical : 48mAh when discharge at 0.2C to 1.0V at 20°C
Charging Condition	: 4mA for 16hrs at 20°C
Service Life	: >500 cycles (IEC standard)
Continuous Overcharge	: 4mA maximum current for 1 year No conspicuous deformation and/or leakage
Weight	: 1.9g
Internal Resistance	: Under 800m Ω upon fully charged
Max. Charging Voltage	: 1.5V at 4mA charging
Ambient Temperature Range	: Standard Charging : 0 to 65°C Discharging : -20 to 65°C Storage : -40 to 65°C



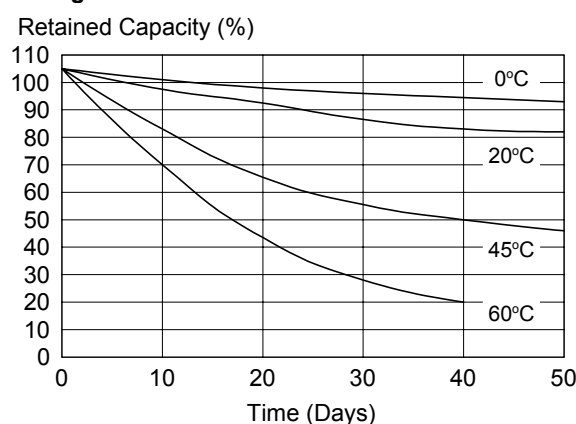
Charge Characteristics



Discharge Characteristics



Charge Retention Characteristics



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