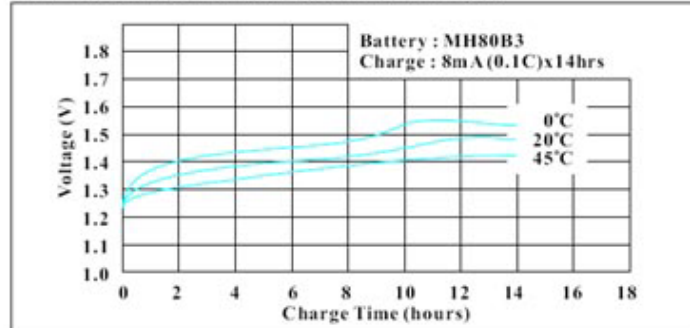


NIMH RECHARGEABLE BUTTON BATTERY

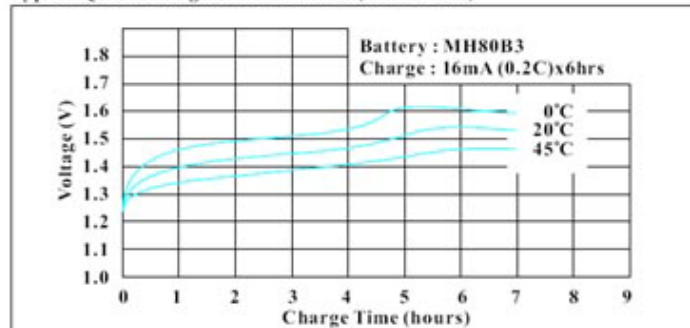
SPECIFICATIONS

Model	: MH80B3
Description	: NiMH rechargeable button cell battery
Nominal Capacity	: 80 mAh at 16mA rate discharge
Nominal Voltage	: 1.2 Volt
Cut-Off Voltage	: 1.0 Volt
End of Charge Voltage	: ≤ 1.6 Volt
End of Discharge Voltage	: ≥ 0.9 Volt
Weight	: 3.5 gram
Life Duration	: ≥ 500 cycles (Comply to IEC 285/1993 4.4.1)
Charge	: Trickle - 2.4-4.0 mA Standard - 8 mA x 14 hours Quick - 16 mA x 6 hours (with cut-off control)
Recharge	: Every 3-6 months recommended
Temperature Environment	: Charge - 0 degC to 45 degC Discharge - -10 degC to 45 degC Storage - -20 degC to 55 degC
Trickle Charge	: 2.4mA for 28 days, no leakage, no explosion
Charge Retention	: $>60\%$ for 28 days storage after standard charge
Leakage	: No leakage, No explosion under standard operating condition
Vibration	: Battery remain normal after vibration at Amp: 4mm; Freq.: 1000/min for 60 min.
Shock	: Battery remain normal after dropping from 450mm to an Oak board for 3 times

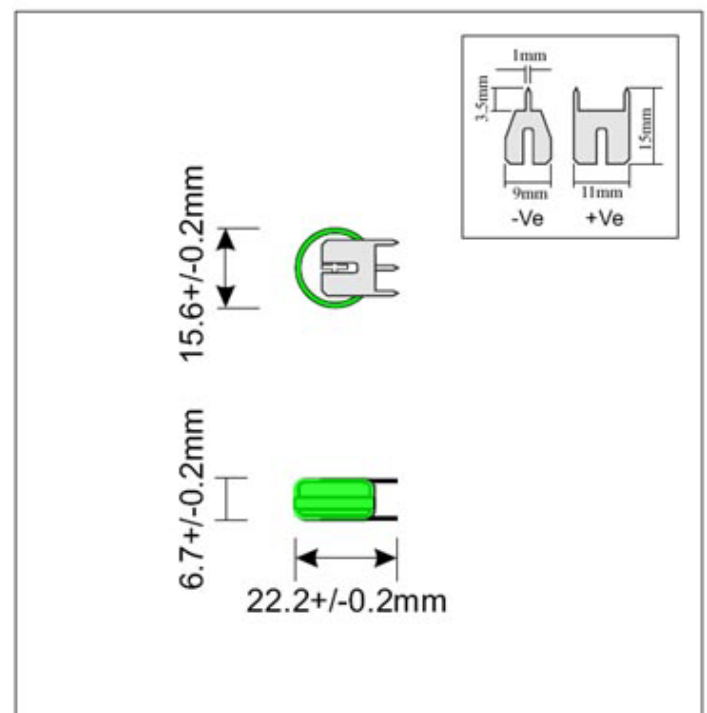
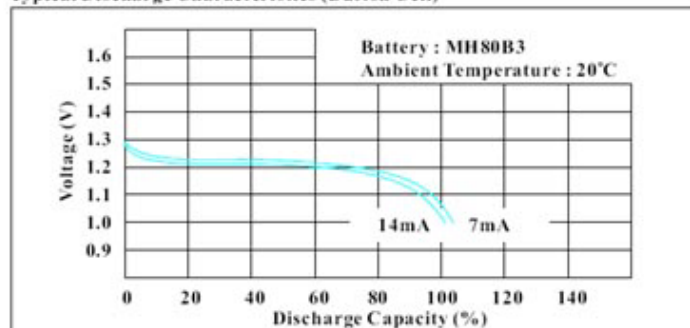
Typical Standard Charge Characteristics (Button Cell)



Typical Quick Charge Characteristics (Button Cell)



Typical Discharge Characteristics (Button Cell)



Typical Storage Characteristics (Button Cell)

