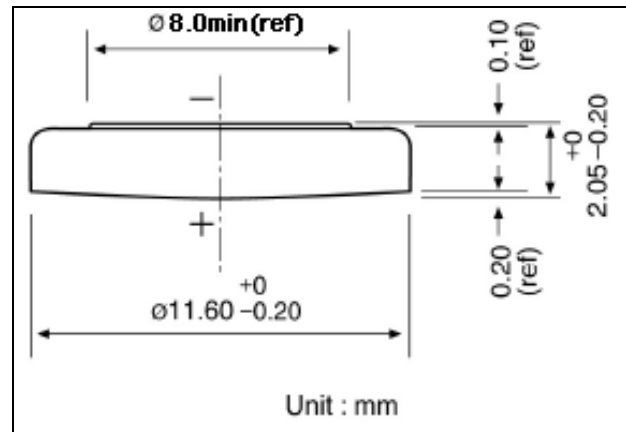
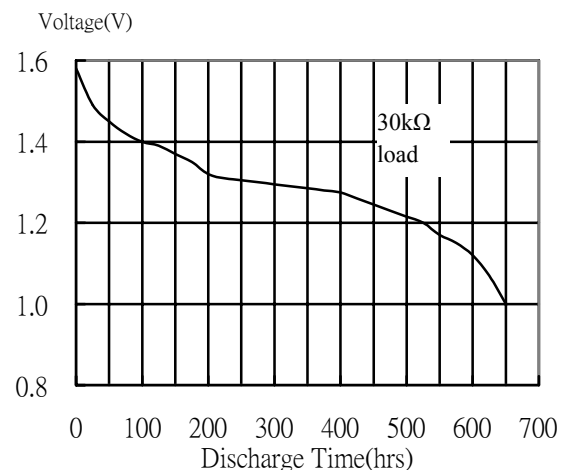


### Model No.: GP191

Type	: Alkaline High Drain Button Cell			
Chemical System	: Alkaline Manganese Dioxide			
Nominal Voltage	: 1.5Volts			
Nominal Dimensions	: $\varnothing 11.6\text{mm} \times 2.05\text{mm}$			
Application	: Watch (with alarm), calculator, melody card, ... etc.			
Average Weight	: 0.9g			
Date Code	: Unless otherwise specified, each cell Will carry a numeric year code and an alphabetical month code.			
Shelf Life	: Not less than 90% of the service capacity within first year. , not less than 85% of the service capacity with third year storage at $20 \pm 2^\circ\text{C}$ 45-75%RH			
Close Circuit Voltage	: 1.40 Volts (min.)(load resistor $2\text{k}\Omega$ at $20 \pm 2^\circ\text{C}$ for 0.1 to 2 seconds)			
Nominal Service Life(to 1.0V at $20 \pm 2^\circ\text{C}$ )	: 540hrs (at $30\text{k}\Omega$ load) 150 days (at $200\text{k}\Omega$ load)			
Average Service Capacity (to 1.0V at $20 \pm 2^\circ\text{C}$ )	: 24mAh(at $30\text{k}\Omega$ load)			
Cross References:				
IEC	JIS	Eveready	Varta	Others
LR1120	LR1120	191	V8GA	91A



### Typical Discharge characteristics at $20 \pm 2^\circ\text{C}$



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