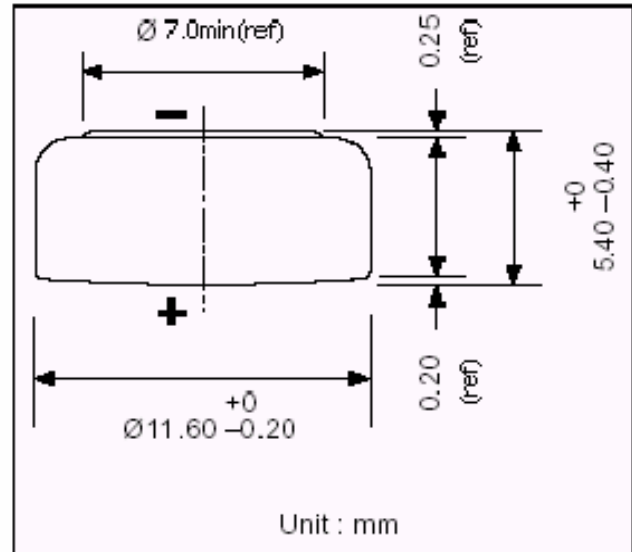
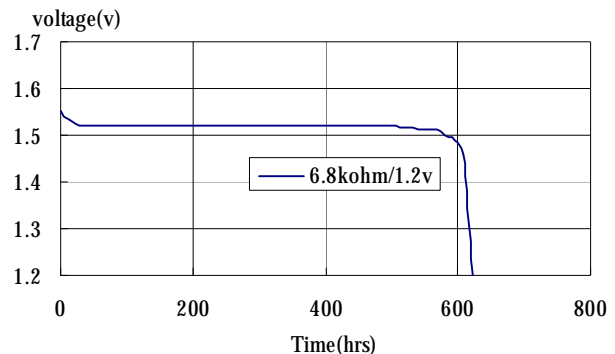


Model No.: **GP357F**

Description	: Mercury and Lead Free button cell		
Chemical System	: Zinc/Silver Oxide		
Nominal Voltage	: 1.55V		
Nominal Dimension	: $\Phi 11.60\text{mm} \times 5.40\text{mm}$		
Applications	: Analog watch		
Average Weight	: 2.30 g		
Shelf Life	: Not less than 90% of the service capacity within first year storage at $20 \pm 2^\circ\text{C}$ $55 \pm 20\% \text{RH}$; Warranty 1 year.		
Date Code	: Unless otherwise specified, each cell will carry a numeric year code and an alphabetical month code.		
Close Circuit Voltage	: 1.30 V(min.)(load resistor 200Ω at $20 \pm 2^\circ\text{C}$ for .1 to 2 seconds		
Lot Acceptance Test	: 165 mAh (load $3.0\text{ k}\Omega$ to cut off 1.2 V under $20 \pm 2^\circ\text{C}$)		
Service Output Test	: 620Hr (load $6.8\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)		
Cross References:			
IEC	Maxell	Duracell	Others
SR44	SR44W	D357	V357



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



Model No.: **GP364F**

Description : Mercury and Lead Free button cell
 Chemical System : Zinc/Silver Oxide
 Nominal Voltage : 1.55V
 Nominal Dimension : $\Phi 6.80\text{mm} \times 2.15\text{mm}$
 Applications : Analog watch
 Average Weight : 0.35g
 Shelf Life : Not less than 90% of the service capacity within first year storage at $20 \pm 2^\circ\text{C}$ 55 \pm 20 %RH;
 Warranty 1 year.

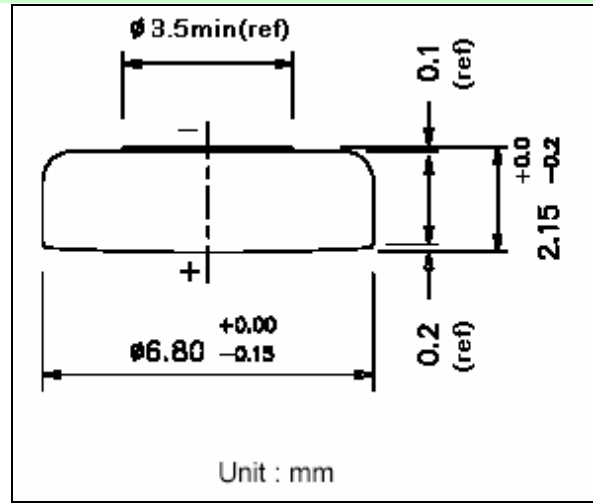
Date Code : Unless otherwise specified, each cell will carry a numeric year code and an alphabetical month code.

Close Circuit Voltage : 1.25 V(min.) (load resistor 400Ω at $20 \pm 2^\circ\text{C}$ for 0.1 to 2 seconds)
 Nominal Service Life(at $20 \pm 2^\circ\text{C}$) : 172hrs (load $15\text{k}\Omega$ cut off 1.2V)
 575hrs (load $50\text{k}\Omega$ cut off 1.2V)

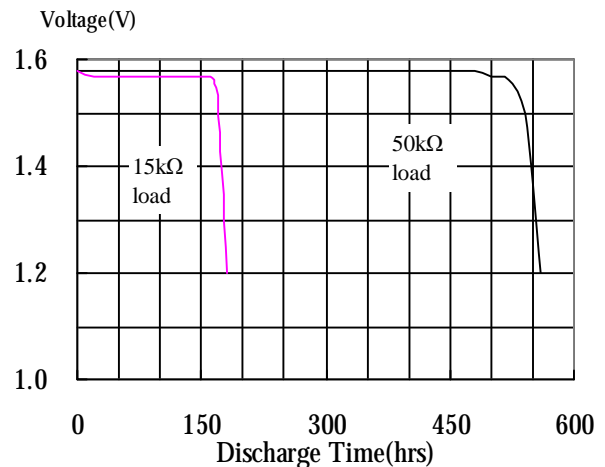
Average Service Capacity($20 \pm 2^\circ\text{C}$) : 18mAh (load $50\text{k}\Omega$ to cut off 1.2V)

Cross References:
 IEC Maxell Duracell Others

SR60	SR621SW	D364	V364
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Typical Discharge characteristics at $20 \pm 2^\circ\text{C}$



Model No.: **GP377F**

Type : Mercury and Lead Free button cell

Chemical System : Zinc/Silver Oxide

Nominal Voltage : 1.55V

Nominal Dimension : $\Phi 6.80\text{mm} \times 2.60\text{mm}$

Applications : Analog watch

Average Weight : 0.4g

Data 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 storage at $20 \pm 2^\circ\text{C}$ $55 \pm 20\% \text{RH}$; Warranty 1 year.

Close Circuit Voltage : 1.25 V(min.) (load resistor 300Ω at $20 \pm 2^\circ\text{C}$ for 0.1 to 2 s conds)

Nominal Service Life : 220hrs (at $15\text{k}\Omega$ load)

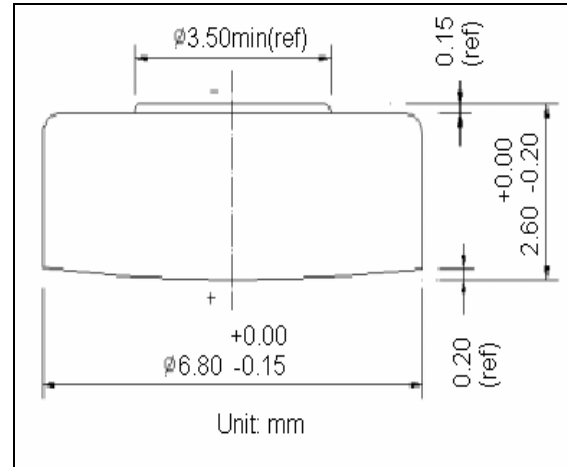
Life (to 1.2V at $20 \pm 2^\circ\text{C}$)

Average Service Capacity : 25mAh (at $50\text{k}\Omega$ load)

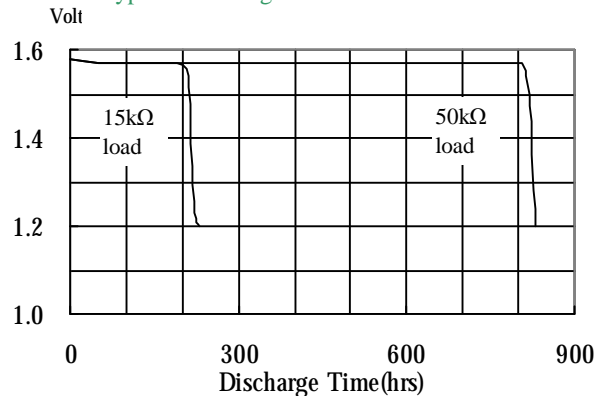
Capacity (to 1.2V at $20 \pm 2^\circ\text{C}$)

Cross References:

IEC	Maxell	Duracell	Others
SR66	SR626SW	D377	V377



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



Model No.: **GP386F**

Description : Mercury and Lead Free button cell

Chemical System : Zinc/Silver Oxide

Nominal Voltage : 1.55V

Nominal Dimension : $\Phi 11.60\text{mm} \times 4.20\text{mm}$

Applications : Analog watch

Average Weight : 1.70g

Shelf Life : Not less than 90% of the service capacity within first year storage at $20 \pm 2^\circ\text{C}$ $55 \pm 20\% \text{RH}$; Warranty 1 year.

Date Code : Unless otherwise specified, each cell will carry a numeric year code and an alphabetical month code.

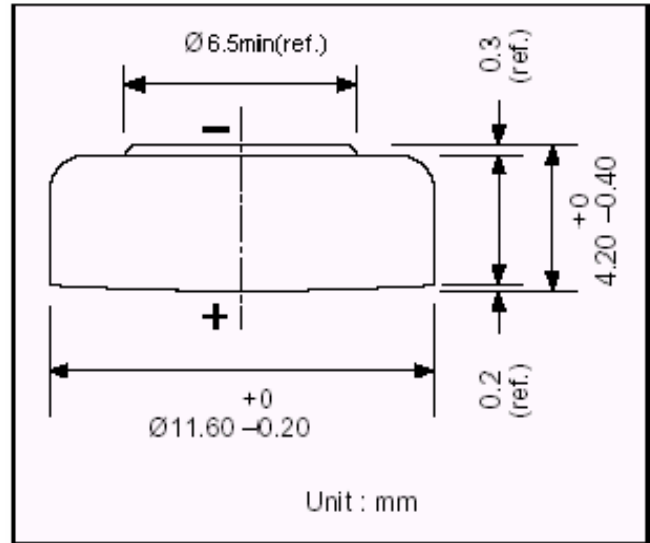
Close Circuit Voltage : 1.30 V(min.) (load resistor 200Ω at $20 \pm 2^\circ\text{C}$ for 0.1 to 2 seconds)

Nominal Service Life : 230hrs (load $3.0\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)

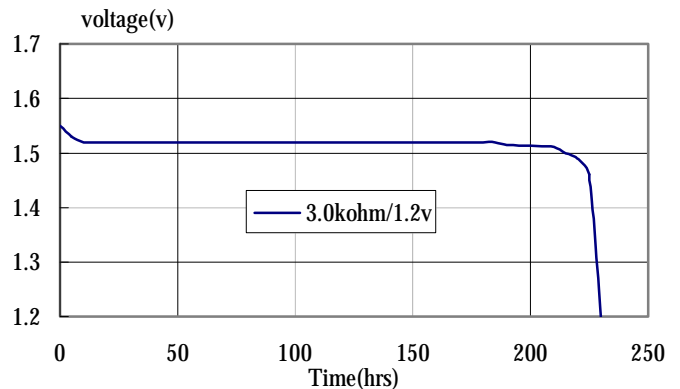
Average Service Capacity : 120mAh (load $3.0\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)

Cross References:

IEC	Maxell	Duracell	Others
SR43	SR43W	D386	V386



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



Model No.: **GP389F**

Description : Mercury and Lead Free button cell

Chemical System : Zinc/Silver Oxide

Nominal Voltage : 1.55V

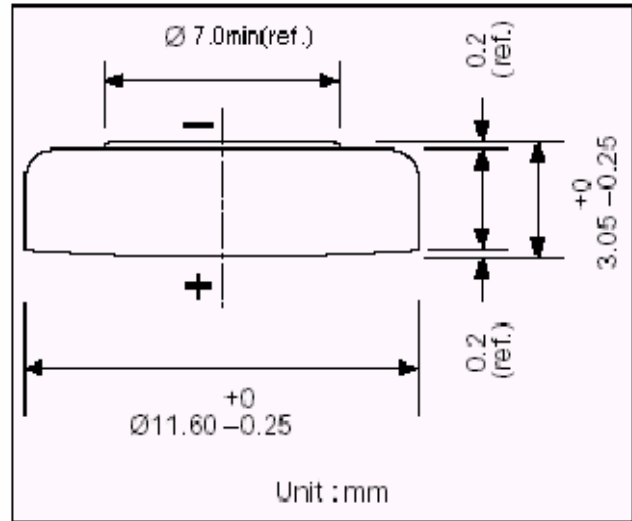
Nominal Dimension : Φ 11.60mm \times 3.05mm

Applications : Analog watch

Average Weight : 1.10 g

Shelf Life : Not less than 90% of the service capacity within first year storage at $20 \pm 2^\circ\text{C}$ $55 \pm 20\%$ RH; Warranty 1 year.

Date Code : Unless otherwise specified, each cell will carry a numeric year code and an alphabetical month code.

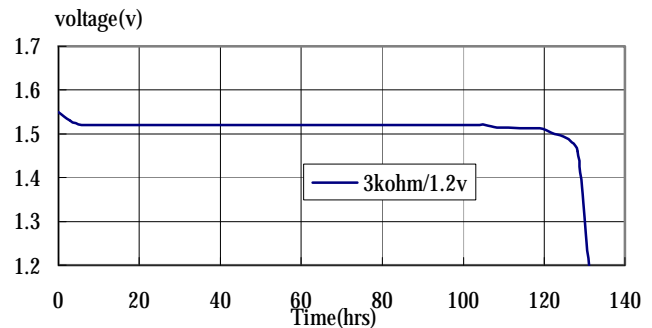


Close Circuit Voltage : 1.30 V(min.) (load resistor 200Ω at $20 \pm 2^\circ\text{C}$ for 1 to 2 seconds)

Nominal Service Life : 130hrs (load $3\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)

Average Service Capacity : 70mAh (load $3\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)

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



Cross References:

IEC	Maxell	Duracell	Others
SR54	SR1130W	D389	V389

Description : Mercury and Lead Free button cell

Chemical System : Zinc/Silver Oxide

Nominal Voltage : 1.55V

Nominal Dimension : $\Phi 7.90\text{mm} \times 3.60\text{mm}$

Applications : Watch(with alarm and lamp), Calculator, hearing aid, digital Thermometer etc .

Average Weight : 0.7 g

Shelf Life : Not less than 90% of the service capacity within first year storage at $20 \pm 2^\circ\text{C}$ $55 \pm 20\% \text{RH}$; Warranty 1 year.

Date Code : Unless otherwise specified, each cell will carry a numeric year code and an alphabetical month code.

lose Circuit Voltage : 1.3 V(min.)(load resistor 200Ω at $20 \pm 2^\circ\text{C}$ for 0.1 to 2 seconds

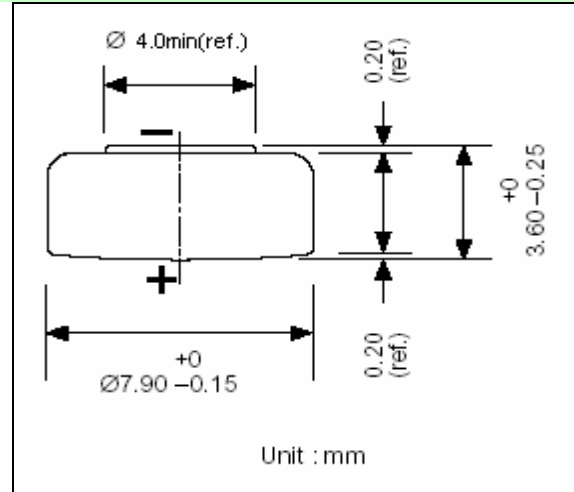
Lot Acceptance Test : 42 mAh (load $6.2\text{ k}\Omega$ to cut off 1.2 V under $20 \pm 2^\circ\text{C}$)

Service Output Test : 160hrs (load $6.2\text{ k}\Omega$ to cut off 1.2V under $20 \pm 2^\circ\text{C}$)

Cross References:

IEC	Maxell	Duracell	Others
SR41	SR41W	D392	V392

Model No.: **GP392F**



Typical discharge curve at $20 \pm 2^\circ\text{C}$

