renata hatteries

FICHA DE PRODUCTO







SR716SW (SR67) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

23 mAh, Discharge over 47 k Ω at 20°C to 1,2 V Capacity

Operating Temperature* -10°C - 60°C

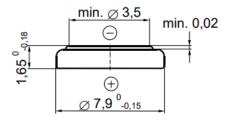
Self Discharge Less than 5% per year at 20°C

Weight ~0,33 g

Dimensions

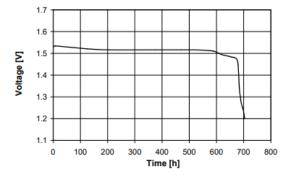
(according IEC 60086-3)

Diameter 7,90 mm (0,311") Height 1,65 mm (0,065")



Discharge Curve

Constant Load $47 \text{ k}\Omega$ Starting Drain 32,9 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR516SW (SR62) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Zinc / Monovalent Silver Oxide, low drain Chemical system

1.55 V Nominal Voltage

Capacity 10,5 mAh, Discharge over 121 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

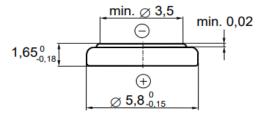
Self Discharge Less than 5% per year at 20°C

Weight ~0,18 g

Dimensions

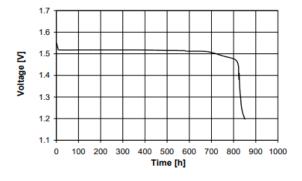
(according IEC 60086-3)

5,80 mm (0,228") Diameter Height 1,65 mm (0,065")



Discharge Curve

Constant Load 121 k Ω Starting Drain $12,9 \mu A$ Temperature 20°C



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^{*}Condensing humidity not allowed



SR527SW (SR64) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1,55 V

Capacity 21 mAh, Discharge over 47 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

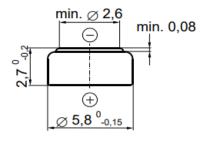
Self Discharge Less than 5% per year at 20°C

Weight ~0,29 g

Dimensions

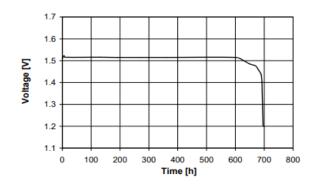
(according IEC 60086-3)

Diameter 5,80 mm (0,228") Height 2,70 mm (0,106")



Discharge Curve

Constant Load $47,0 \text{ k}\Omega$ Starting Drain 32.9 μΑ **Temperature** 20°C



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^{*}Condensing humidity not allowed



321 0% MERCURY

SR616SW (SR65) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

1,55 V Nominal Voltage

Capacity 14,5 mAh, Discharge over 68,1 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

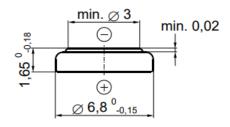
Less than 5% per year at 20°C Self Discharge

Weight $\sim 0.25 g$

Dimensions

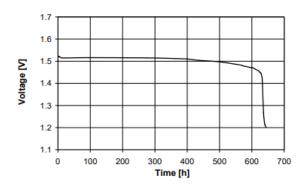
(according IEC 60086-3)

Diameter 6,80 mm (0,268") Height 1,65 mm (0,065")



Discharge Curve

Constant Load $68.1 \text{ k}\Omega$ Starting Drain 22,9 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR731SW Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

1.55 V Nominal Voltage

Capacity 37 mAh, Discharge over 25,5 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

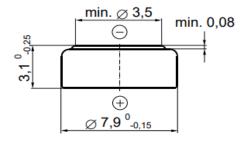
Self Discharge Less than 5% per year at 20°C

Weight ~0,58 g

Dimensions

(according IEC 60086-3)

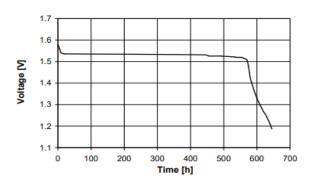
Diameter 7,90 mm (0,311") 3,10 mm (0,122") Height



Discharge Curve

Constant Load $25,5 k\Omega$ Starting Drain 61,2 µA Temperature 20°C

*Condensing humidity not allowed



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Rev. 329MF_OEM.05_2019/08



SR512SW Watch Battery OEM

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 6 mAh, Discharge over 82,5 kΩ at 23±3°C to 1,2 V

Operating Temperature* -10°C - 60°C

Less than 7% per year at 23±3°C Self Discharge

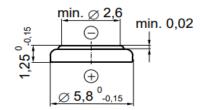
Nominal Weight ~0,13 g

Dimensions

(according IEC 60086-3)

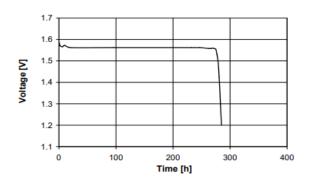
Diameter 5,80 mm (0,228") 1,25 mm (0,049") Height





Discharge Curve

Constant Load $82.5 k\Omega$ Starting Drain 18,9 μΑ Temperature 23±3°C



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^{*}Condensing humidity not allowed



SR416SW Watch Battery OEM

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1,55 V

Capacity 8 mAh, Discharge over 56,2 kΩ at 23±3°C to 1,2 V

Operating Temperature* -10°C - 60°C

Self Discharge Less than 7% per year at 23±3°C

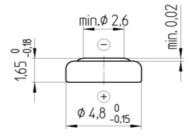
Weight ~0,13 g

Dimensions

(according IEC 60086-3)

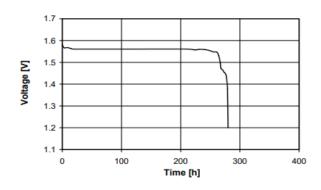
Diameter 4,80 mm (0,189") Height 1,65 mm (0,065")





Discharge Curve

Constant Load 56,2 k Ω Starting Drain 27,8 μΑ Temperature 23±3°C



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^{*}Condensing humidity not allowed



SR714SW Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage

Capacity 15 mAh, Discharge over 68,1 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

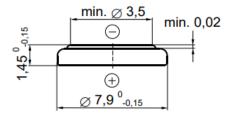
Self Discharge Less than 10% per year at 20°C

Weight ~0,29 g

Dimensions

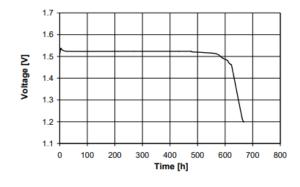
(according IEC 60086-3)

Diameter 7,90 mm (0,311") Height 1,45 mm (0,057")



Discharge Curve

Constant Load $68,1 \text{ k}\Omega$ Starting Drain 22,9 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR712SW Watch Battery OEM

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 9,5 mAh, Discharge over 47 k Ω at 23±3°C to 1,2 V

Operating Temperature* -10°C - 60°C

Self Discharge Less than 10% per year at 20°C

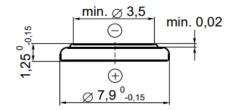
Weight ~0,24 g

Dimensions

(according IEC 60086-3)

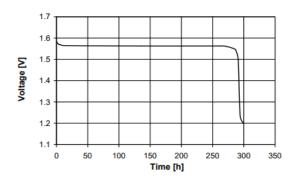
7,90 mm (0,311") Diameter Height 1,25 mm (0,049")





Discharge Curve

Constant Load $47 k\Omega$ Starting Drain 32.5 μΑ Temperature 23±3°C



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^{*}Condensing humidity not allowed



SR1154W (SR44) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide - Manganese Dioxide, high drain

Nominal Voltage 1.55 V

Capacity 160 mAh, Discharge over 5,62 k Ω at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

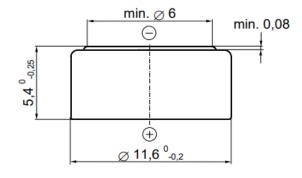
Self Discharge Less than 10% per year at 20°C

Weight ~1,96 g

Dimensions

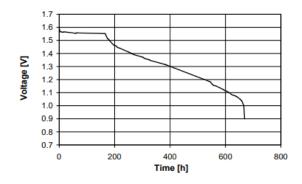
(according IEC 60086-3)

Diameter 11,60 mm (0,457") Height 5,40 mm (0,213")



Discharge Curve

Constant Load $5,62 \text{ k}\Omega$ Starting Drain 280 μΑ Temperature 20°C



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Rev. 357SMF.06 2019/08

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^{*}Condensing humidity not allowed



SR721SW (SR58) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 23 mAh, Discharge over 34.8 kΩ at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

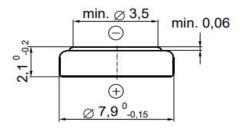
Self Discharge Less than 5% per year at 20°C

Weight ~0,39 g

Dimensions

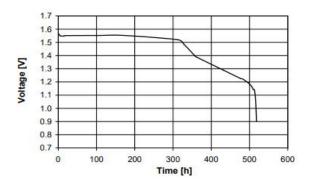
(according IEC 60086-3)

Diameter 7,90 mm (0,311") Height 2,10 mm (0,083")



Discharge Curve

Constant Load 34.8 kΩ Starting Drain 45 µA Temperature 20°C



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^{*}Condensing humidity not allowed



SR621SW (SR60) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 19 mAh, Discharge over 47,0 kΩ at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

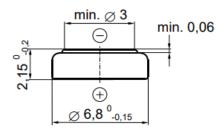
Less than 5% per year at 20°C Self Discharge

Weight ~0,30 g

Dimensions

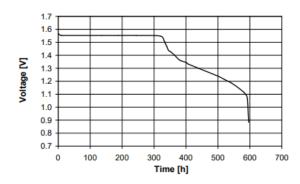
(according IEC 60086-3)

Diameter 6,80 mm (0,268") 2,15 mm (0,085") Height



Discharge Curve

 $47,0 \text{ k}\Omega$ Constant Load Starting Drain 33 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



370 0% MERCURY

SR920W (SR69) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1.55 V

Capacity 40 mAh, Discharge over 25,5 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

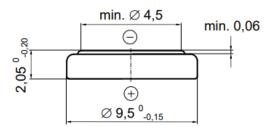
Self Discharge Less than 10% per year at 20°C

Weight ~0,59 g

Dimensions

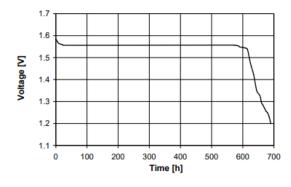
(according to IEC 60086-3)

Diameter 9,50 mm (0,374") Height 2,05 mm (0,081")



Discharge Curve

Constant Load $25,5 k\Omega$ Starting Drain 61,2 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR920SW (SR69) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, Low Drain

Nominal Voltage 1,55 V

Capacity 35 mAh, Discharge over 25,5 k Ω at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

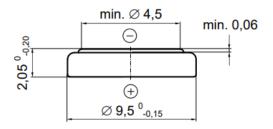
Self Discharge Less than 5% per year at 20°C

Weight ~0,55 g

Dimensions

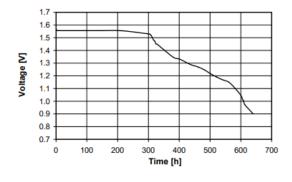
(according to IEC 60086-3)

Diameter 9,50 mm (0,374") 2,05 mm (0,081") Height



Discharge Curve

Constant Load $25.5 \text{ k}\Omega$ Starting Drain 61.6 µA Temperature 20°C



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^{*}Condensing humidity not allowed



SR916SW (SR68) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 29 mAh, Discharge over 34.8 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

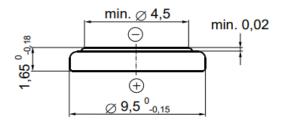
Self Discharge Less than 5% per year at 20°C

Weight $\sim 0.5 g$

Dimensions

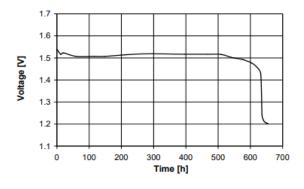
(according IEC 60086-3)

Diameter 9,50 mm (0,374") Height 1,65 mm (0,065")



Discharge Curve

Constant Load $34.8 \text{ k}\Omega$ Starting Drain 43,4 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



377 0% MERCURY

SR626SW (SR66) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1,55 V

Capacity 24 mAh, Discharge over 34,8 kΩ at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

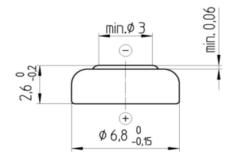
Self Discharge Less than 5% per year at 20°C

Weight ~0,35 g

Dimensions

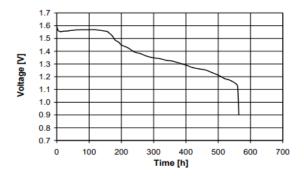
(according to IEC 60086-3)

6,80 mm (0,268") Diameter Height 2,60 mm (0,102")



Discharge Curve

Constant Load $34.8 \text{ k}\Omega$ Starting Drain 43,7 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR521SW (SR63) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

1.55 V Nominal Voltage

Capacity 16 mAh, Discharge over 47 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

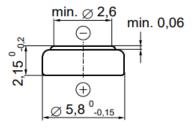
Self Discharge Less than 5% per year at 20°C

Weight $\sim 0.23 g$

Dimensions

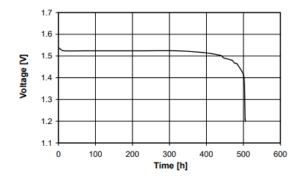
(according IEC 60086-3)

Diameter 5,80 mm (0,228") Height 2,15 mm (0,085")



Discharge Curve

Constant Load $47 k\Omega$ Starting Drain 32,6 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR936W Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1,55 V

Capacity 82 mAh, Discharge over 15 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

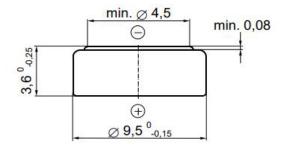
Self Discharge Less than 10% per year at 20°C

Weight ~1,01 g

Dimensions

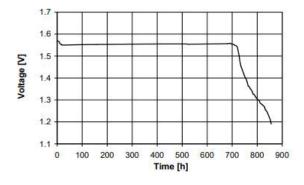
(according IEC 60086-3)

Diameter 9,50 mm (0,374") Height 3,60 mm (0,142")



Discharge Curve

Constant Load 15 kΩ Starting Drain 103 μ A Temperature 20°C



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^{*}Condensing humidity not allowed



SR736SW (SR41) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1,55 V

45 mAh, Discharge over 18,2 k Ω at 20°C to 1,2 V Capacity

Operating Temperature* -10°C - 60°C

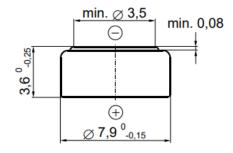
Self Discharge Less than 5% per year at 20°C

Weight ~0,66 g

Dimensions

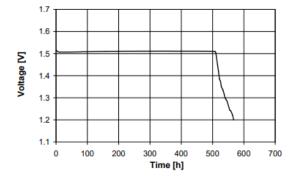
(according IEC 60086-3)

Diameter 7,90 mm (0,311") Height 3,60 mm (0,142")



Discharge Curve

Constant Load $18.2 \text{ k}\Omega$ Starting Drain 83,0 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR1142W (SR43) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1.55 V

Capacity 130 mAh, Discharge over 6,81 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

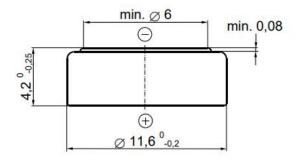
Self Discharge Less than 10% per year at 20°C

Weight ~1,67 g

Dimensions

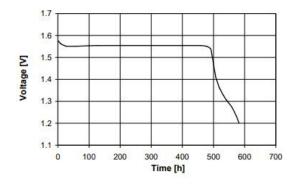
(according IEC 60086-3)

Diameter 11,60 mm (0,457") Height 4,20 mm (0,165")



Discharge Curve

Constant Load 6,81 kΩ Starting Drain 224,6 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR1130W (SR54) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1.55 V

Capacity 80 mAh, Discharge over 15 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

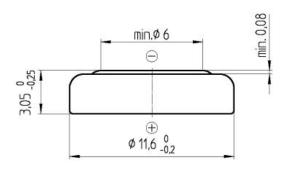
Self Discharge Less than 10% per year at 20°C

Weight ~1,25 g

Dimensions

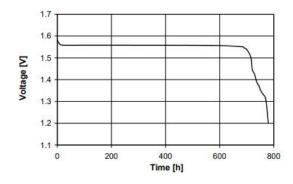
(according IEC 60086-3)

Diameter 11,60 mm (0,457") Height 3,05 mm (0,120")



Discharge Curve

Constant Load 15 kΩ Starting Drain 104 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR1130SW Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Zinc / Monovalent Silver Oxide, low drain Chemical system

Nominal Voltage 1,55 V

Capacity 80 mAh, Discharge over 15 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

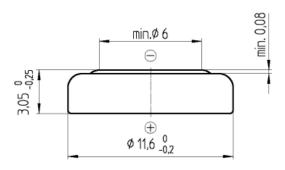
Self Discharge Less than 5% per year at 20°C

Weight ~1,26 g

Dimensions

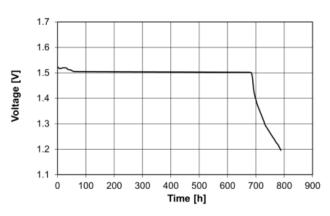
(according IEC 60086-3)

11,60 mm (0,457") Diameter Height 3,05 mm (0,120")



Discharge Curve

15 k Ω Constant Load Starting Drain 101 μA Temperature 20°C



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^{*}Condensing humidity not allowed



391 0% MERCURY

SR1120W (SR55) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Zinc / Monovalent Silver Oxide, high drain Chemical system

Nominal Voltage 1,55 V

Capacity 50 mAh, Discharge over 18,2 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

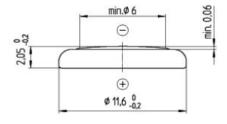
Self Discharge Less than 10% per year at 20°C

Weight ~0,87 g

Dimensions

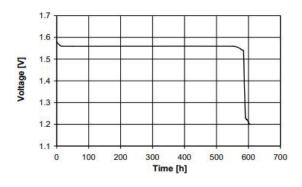
(according IEC 60086-3)

Diameter 11,60 mm (0,457") Height 2,05 mm (0,081")



Discharge Curve

Constant Load $18.2 \text{ k}\Omega$ Starting Drain 84,1 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR736W (SR41) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1,55 V

Capacity 45 mAh, Discharge over 18,2 kΩ at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

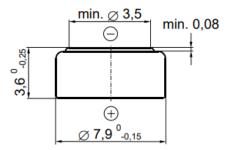
Self Discharge Less than 5% per year at 20°C

Weight ~0,65 g

Dimensions

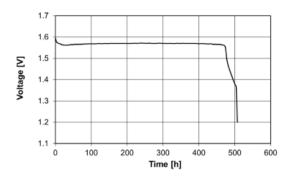
(according IEC 60086-3)

7,90 mm (0,311") Diameter 3,60 mm (0,142") Height



Discharge Curve

Constant Load $18,2 k\Omega$ Starting Drain 87,6 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR754W (SR48) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Zinc / Monovalent Silver Oxide, high drain Chemical system

1,55 V Nominal Voltage

Capacity 80 mAh, Discharge over 15 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

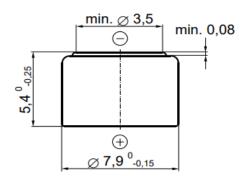
Self Discharge Less than 10% per year at 20°C

Weight ~1,09 g

Dimensions

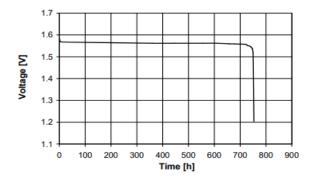
(according IEC 60086-3)

Diameter 7,90 mm (0,311") Height 5,40 mm (0,212")



Discharge Curve

Constant Load 15 k Ω Starting Drain 103,3 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR936SW (SR936) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1.55 V

Capacity 80 mAh, Discharge over 10,0 k Ω at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

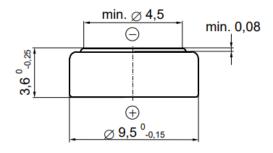
Self Discharge Less than 5% per year at 20°C

Weight ~0,95 g

Dimensions

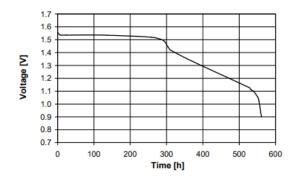
(according IEC 60086-3)

Diameter 9,50 mm (0,374") 3,60 mm (0,142") Height



Discharge Curve

Constant Load $10.0 \text{ k}\Omega$ Starting Drain 155 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR927SW (SR57) Watch Battery Swiss Made

Technical Data Sheet

Specifications

Zinc / Monovalent Silver Oxide, low drain Chemical system

Nominal Voltage 1,55 V

Capacity 55 mAh, Discharge over 18,2 kΩ at 20°C to 0,9 V

Operating Temperature* -10°C - 60°C

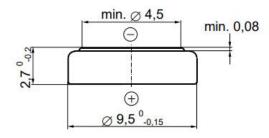
Less than 5% per year at 20°C Self Discharge

Weight ~0,73 g

Dimensions

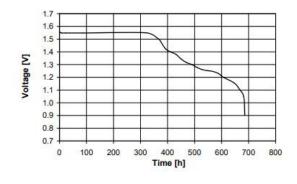
(according IEC 60086-3)

Diameter 9,50 mm (0,374") 2,70 mm (0,106") Height



Discharge Curve

Constant Load 18.2 kΩ Starting Drain 86 µA **Temperature** 20°C



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^{*}Condensing humidity not allowed



SR726W (SR59) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1,55 V

Capacity 32 mAh, Discharge over 25,5 k Ω at 20°C to 1,2 V

Operating Temperature* -10°C - 60°C

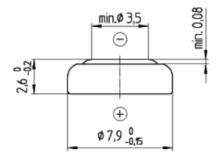
Self Discharge Less than 10% per year at 20°C

Weight ~0,48 g

Dimensions

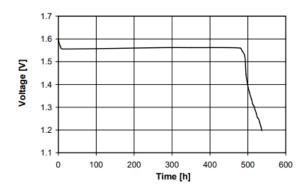
(according IEC 60086-3)

Diameter 7,90 mm (0,311") 2,60 mm (0,102") Height



Discharge Curve

Constant Load 25,5 kΩ Starting Drain $61,9 \mu A$ Temperature 20°C



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^{*}Condensing humidity not allowed



SR726SW (SR59) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, low drain

Nominal Voltage 1,55 V

Capacity 32 mAh, Discharge over 25,5 kΩ at 20°C to 1,2 V

-10°C - 60°C Operating Temperature*

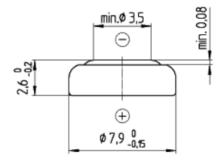
Self Discharge Less than 5% per year at 20°C

Weight ~0,48 g

Dimensions

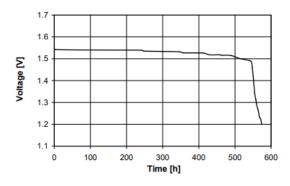
(according IEC 60086-3)

Diameter 7,90 mm (0,457") Height 2,60 mm (0.102")



Discharge Curve

Constant Load $25,5 \,\mathrm{k}\Omega$ Starting Drain 60,7 μΑ Temperature 20°C



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^{*}Condensing humidity not allowed



SR927W (SR57) Watch Battery OEM Swiss Made

Technical Data Sheet

Specifications

Chemical system Zinc / Monovalent Silver Oxide, high drain

Nominal Voltage 1,55 V

Capacity 55 mAh, Discharge over 15 k Ω at 20°C to 1,2 V

-10°C - 60°C Operating Temperature*

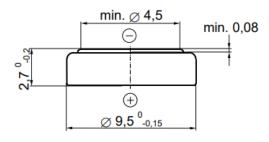
Self Discharge Less than 10% per year at 20°C

Weight $\sim 0.77 \, \text{g}$

Dimensions

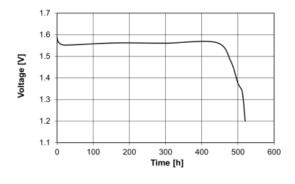
(according IEC 60086-3)

Diameter 9,50 mm (0,374") 2,70 mm (0,106") Height



Discharge Curve

Constant Load 15 k Ω Starting Drain 105,9 μΑ Temperature 20°C



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