



### Zinc Chloride Dry Battery SUM4/MAXIMA

#### 1. Scope

This specification is applicable to the “VINNIC” brand Zinc Chloride Mercury Free Dry Batteries supplied by CHUNG PAK BATTERY WORKS, LTD.

#### 2. Technical Specification

2.1 Name(Designation) : SUM4/MAXIMA (EXTRA HEAVY DUTY)  
(IEC Designation) : R03

2.2 Dimensions:

Diameter : 10.5mm

Height : 44.5mm

2.3 Weight (approx) : 9.4g

2.4 Nominal voltage : 1.5V

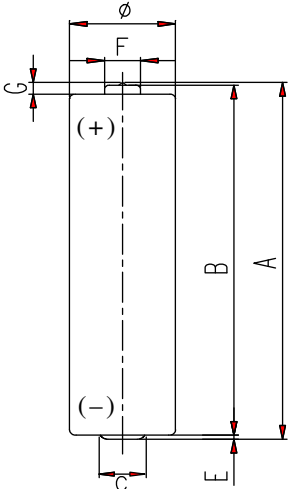
2.5 Typical capacity : 330mAh at 10Ω 1hrs/day (E.V.0.9V)

2.6 Typical duration : 175min at 10Ω 1hrs/day (E.V.0.9V)  
27 hrs at 75Ω 4hrs/day (E.V.0.9V)

2.7 Retention : 90% after 12 months storage(20°C)  
85% after 24 months storage(20°C)  
70% after 36 months storage(20°C)

2.8 Outside shape dimensions and terminals:

Dimensions of Zinc Chloride Dry Battery		R03
unit:mm		
	Max	Min
A	44.5	42.5
B		42.5
C		4.3
E	0.5	
F	3.8	
G		0.8
Ø	10.5	9.5



Remarks

A: Overall height of battery

B: Height between contact terminals without pip

C: Outer diameter of negative terminal Contact area

E: Depression of negative terminal from outer casing

F: Diameter of positive terminal within The specified projection height

G: Height of projected area of positive terminal, exclusive part

Ø: Diameter of battery