

AAA

Carbon Zinc Battery

@ Specification

Cross Reference: IEC-R03P

Electrochemical System:

Carbon Zinc-Manganese Dioxide
(0% Mercury and 0% Cadmium)

Anode: Zinc can

Cathode: Electrolytic Manganese Dioxide

Electrolyte: Aqueous ZnCl₂

Nominal Voltage: 1.5V

Diameter: 9.5-10.5 mm

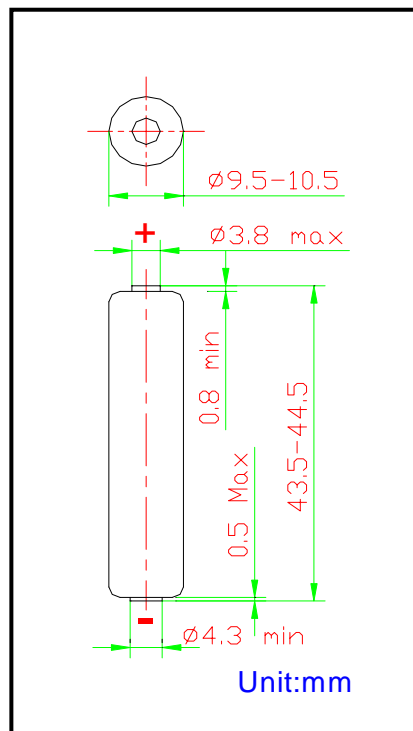
Height: 43.5-44.5 mm

Weight: 7 g

Jacket: Aluminium foil label or PVC label

Package: Bulk or blister card

@ Dimensions



@ Electronic Characteristics (Loaded at 3.9 ohm, Test time: 3 seconds)

Items	Open Voltage(V)	Loaded Voltage(V)	Peak Current (A) when short circuit
Fresh cell	>1.63	>1.40	>2.50
Stored after 12 months	>1.55	>0.35	>2.00

@ Typical Discharge Characteristics(At 20DegC)

Discharge Condition	3.9 ohms 24hrs/day Cut off: 0.9V	10 ohms 24hrs/day Cut off: 0.9V	10 ohms 1hrs/day Cut off: 0.9V
Fresh cell	40mins	170mins	180mins
Stored after 12 months	35mins	150mins	160mins

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