Specifications for Cylindrical

Zinc-Carbon Dry Battery

R6P (size AA)

SJCPIL 16-011-02

* No Mercury, Cadmium and Lead added.

Spec. nº: SJCPIL 16-011-02

PRODUCT SPECIFICATIONS

Individual Product Specification

1. Model No. : IEC: R6P
2. Nominal Voltage : 1.5 volts
3. Average Weight : 17 g
4. Dimensions : As per attached drawing
5. Terminals : (+)Cap, (-)Base
6. Cells and Connection : One R6 ("AA"size) cell
7. Performance

7.1 Open-circuit Voltage : As per attached Table-1
7.2 Service Life : As per attached Table-1

8. Electrolyte Leakage and Deformation :

There shall be neither evidence of electrolyte leakage on the external surface of any battery nor deformation out of the specified dimension in the attached drawing at any time prior to or during the specified discharge test in Table-1, Test-1 and Test-2.

Test-1 : The battery is discharged with the specified load resistance and time schedule until the voltage on load drops for the first time below 40 % of the nominal voltage.

Test-2 : The battery shall be kept for 30 days at the temperature 45±2 ℃ and the relative humidity below 70 %(RH).

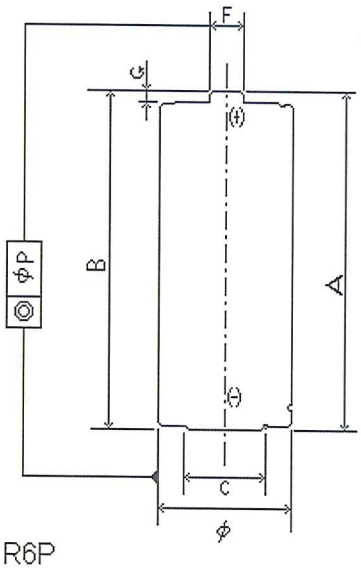
9. Mercury and Cadmium :

Mercury, Cadmium and Lead are not used in the battery.

sym.	Date of Revision	Remarks				
Date of Stipulation			Stipulated			Described
15/05/2016						

CÓPIA CONTROLADA

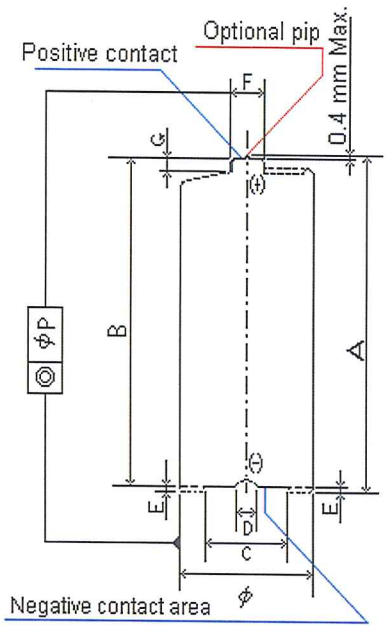
PRODUCT SPECIFICATIONS
Individual Product Specification



R6P

unit : mm

	Max.	Min.
A	50,5	_
B	_	49,2
C	_	7,0
D	_	_
E	0,5	_
F	5,5	_
G	_	1,0
ϕ	14,5	13,5
ϕ P	0,5	—
pip	_	_



Reference : IEC 60086-2

Note 1. Numerical value in parentheses ; reference

2. The symbols of dimensions are as following.

A = Overall height
B = Distance between (+) and (-) terminals, excluding pip.
Outer diameter of (-) flat contact surface
C = Diameter of concave part of central (-) terminal.
D = This model has none of concave part.
Recess of (-) flat contact surface from outside cover.
E = This model has the projected (-) contact.
Diameter of the specified projection of (+) terminal.
F = Projected height of (+) contact, excluding pip.
Diameter of the battery
G = Difference in coaxiality between (+) contact
ϕ = and cylindrical corner side.
P = Optional projection on (+) contact.
Pip = This model has none of pip.