

R03

Product specifications for cylindrical
zinc carbon battery

PRODUCT SPECIFICATION

Individual Product Specification

- | | | |
|--------------------------------|-------------------------|---------------------------|
| 1. Battery identification | name | R03 / AAA |
| | type | zinc carbon / tube jacket |
| | nominal voltage | 1.5 V |
| | average weight | 9 gr. |
| 2. Battery dimensions | As per attached drawing | |
| 3. Typical battery performance | Discharge modes | |

Test	Resistance	Daily period	End point	Result *	Result**
Radio	75 Ω	4 h	0.9 V	26 h	23.5 h
Recorder	10 Ω	1 h	0.9 V	2.2 h	1.9 h
Lif	5.1 Ω	4 min/h, 8h/day	0.9 V	67 min	61 min
Pulse	3.6 Ω	15 sec / min. 24 h	0.9 V	145	130

Open circuit voltage (OCV)
Minimum average duration

	Initial*	After 12 months storage **
OCV (at 20±2 ⁰ C)	1.6 V	1.52 V
Min. aver. duration (at 20±2 ⁰ C)***	26 h	23.5 h

- * The initial discharge test shall commence with 30 days since manufacture. During this period, the batteries are kept under the condition of 20±2⁰C.
- ** During this period, the batteries shall also be kept under the condition of 20±2⁰C.
- *** 43 Ω, 4 h / day, 0.9 V

4. Mercury and Cadmium contents

No Mercury (Hg) and Cadmium (Cd) are used in battery.

Date of stipulation:
2007-02-07

Described

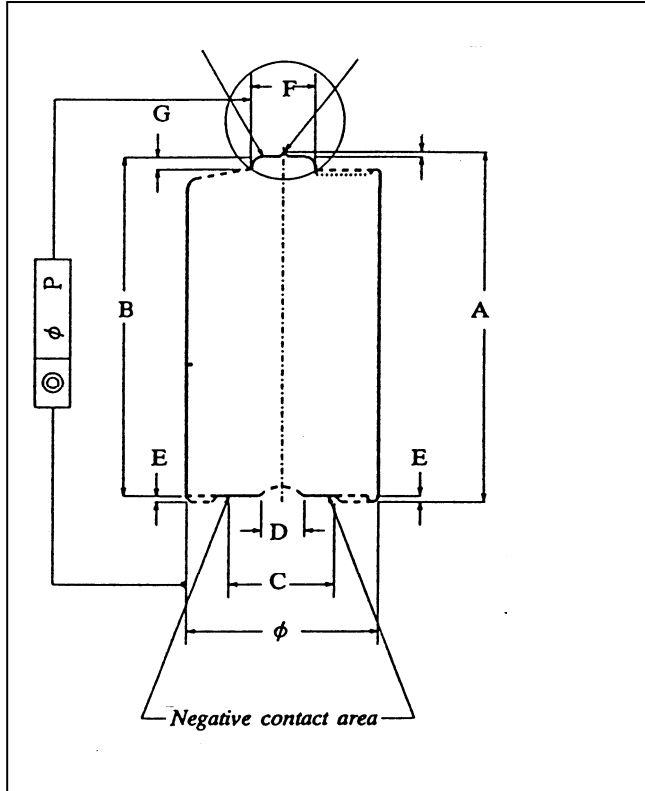
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Approved

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Size:
IEC: R03



Dim	Max	Min
∅	10.5	9.5
A	44.5	43.3
B	-	43.3
C	-	4.3
D	-	-
E	0.5	-
F	3.8	-
G	-	0.8
Pip	0.4	-

Voltage	1.5 V
Terminal	(+) Cap (-) Base
Average weight	9 g

Scale

Carbon Zinc Dry Battery R03

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