

ENERGIZER 189

Miniature Alkaline



Industry Standard Dimensions

mm (inches)

3.80 (0.150)
Minimum

3.05 (0.120)
2.75 (0.108)

2.70 (0.106) Ref.

(+)

0.25 (0.010) Maximum Ref.
Permissible deflection from a flat.

0.13 (0.005) Minimum Ref. (Applies to top edge of gasket or edge of crimp, whichever is higher.)

Specifications

Chemical System: Manganese Dioxide (MnO₂)

Designation: IEC-LR54 **Nominal Voltage:** 1.5 Volts

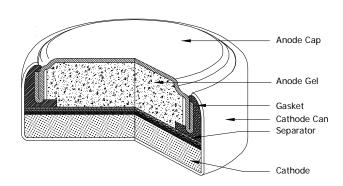
Typical Capacity: 80 mAh (to 0.9 volts)

Rated at 15K ohms / 21°C (70°F)

Typical Weight: 1.1 grams (0.04 ounces)

Typical Volume: 0.30 cubic centimeters (0.02 cubic inch)

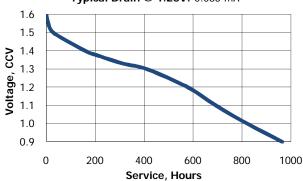
Cross Section



Typical Discharge Characteristics

21°C (70°F)

Load: 15K ohms - Continuous Typical Drain @ 1.25V: 0.083 mA



(milliamperes) (ohms) (hou	Schedule:		Cutoff 0.9V
Continuous 0.083 15,000 964		, (, , , , , , , , , , , , , , , , , ,	,

Depth of Discharge Test

Percent of rated Capacity at 21°C (70°F)

Typical closed circuit voltage during discharge on a load of 100 ohms for 0.1 to 2.0 seconds

% Rated Capacity 0% 40% 80% 1.47V 1.17V 1.04V

Bulge Data

This battery will bulge as it is discharged but will not exceed the maximum height shown on the battery drawing.

Important Notice

This data sheet contains typical information specific to products manufactured at the time of its publication.

© Energizer Holdings, Inc. - Contents herein do not constitute a warranty.

Form No. EBC - 4402H Page 1 of 1