BR2032

■ Dimensions(mm)

∅20.0 $^{+0}_{-0.3}$

∅16

0.5

3.2 $^{+0.3}_{-0}$

■ Specification

Nominal voltage(V)	3
Nominal capacity(mAh)	200
Continuous drain(mA)	0.03
Operating temperature(˚C)	-30 to +80

■ Discharge temperature characteristics

Load : 15 kΩ (180µA)

60°C
20°C
-10°C

Voltage(V)

3.0
2.5
2.0

0   200   400   600   800   1000   1200

Duration(h)
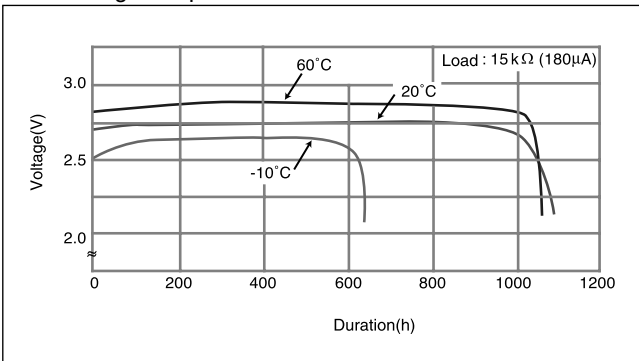
■ Operating voltage vs. load resistance(voltage at 50% discharge depth)

Voltage(V)

3.4
3.2
3.0
2.8
2.6
2.4
2.2

-20˚C
20˚C   -10˚C
60˚C
80˚C

Load : (M Ω)   0.1   0.2 0.3 0.4 0.6   1   2   3   4   6   8 10

(µA)   20   10   5   3   2   1   0.5   0.3
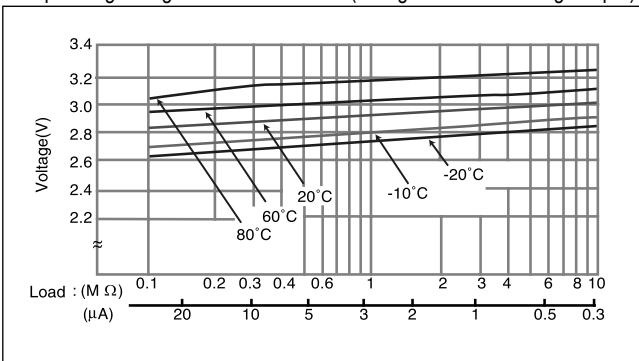
■ Capacity vs. load resistance

Capacity(mAh)

200
160
120
80
40
0

60˚C
45˚C
20˚C

Cut-off voltage: 2.0V

Load : (kΩ)   1   2   3   4   6   10   20   30 40   60   100

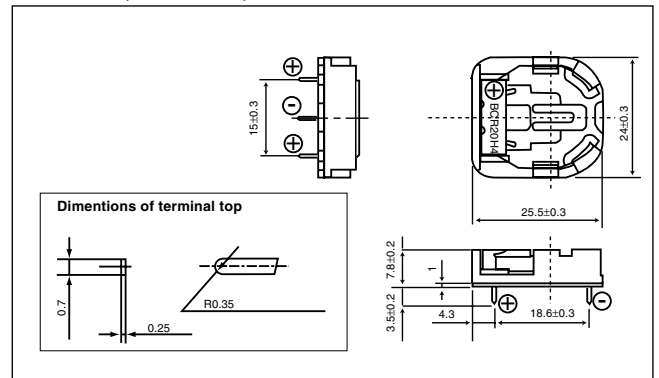(mA)   2   1   0.5   0.3   0.2   0.1   0.05   0.03
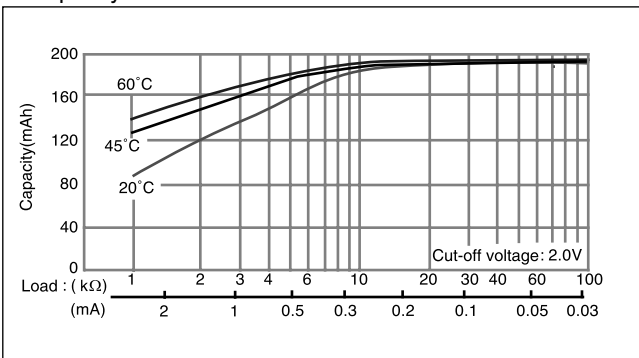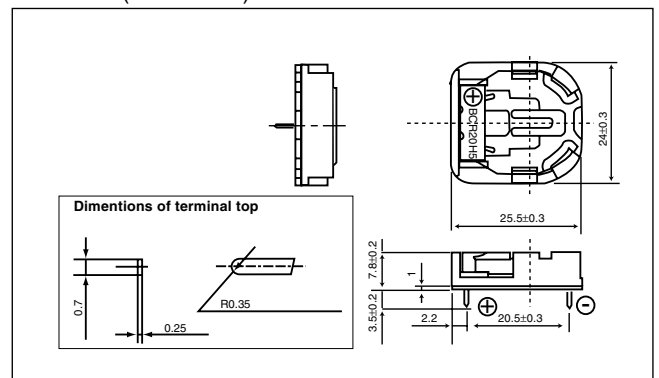
Lithium battery holders for BR2032

These battery holders are designed for sure and easy loading/ removal of Panasonic coin type lithium batteries in/from equipment enabling the batteries to fully exploit their capabilities as the backup power supply in C-MOS RAM memory and microcomputer memory. All of the battery holders are designed to prevent inverted insertion of the battery.
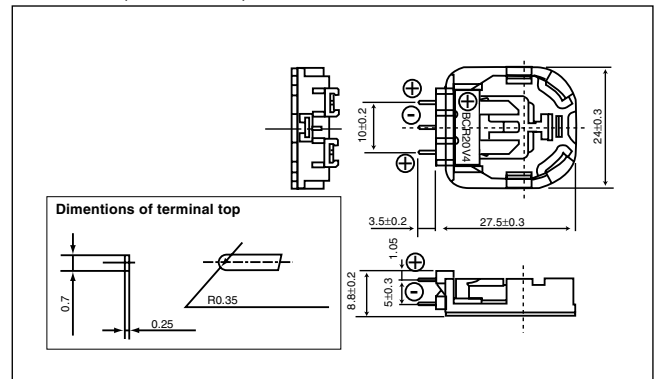
BCR20H4   BCR20H5   BCR20V4

BCR20H4 (3 terminals)

15±0.3

24±0.3

25.5±0.3

Dimentions of terminal top

0.7
0.25
R0.35

7.8±0.2
3.5±0.2
4.3   18.6±0.3

BCR20H5 (2 terminals)

24±0.3

25.5±0.3

Dimentions of terminal top

0.7
0.25
R0.35

7.8±0.2
3.5±0.2
2.2   20.5±0.3

BCR20V4 (3 terminals)

10±0.2

24±0.3

27.5±0.3

Dimentions of terminal top

0.7
0.25
R0.35

3.5±0.2
8.8±0.2
5±0.3   1.05

■ Precaution for washing battery holders

The battery holders can be adversely affected by some detergents use in the circuit board washing process and may result in cracks forming in the holder. Please test the holders in your washing process before use.

∗ The data in this document are for descriptive purposes only and are not intended to make or imply any guarantee or warranty.

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