

battery type:

battery size:

chemical system:

Lithium Button Cell

CR3032

Lithium Manganese Dioxide

nominal voltage:

open circuit voltage:

3.0 V

3.0...3.4 V

2.9...3.4 V

Conditions

new battery

after 1 year storage at 20°C

all measurements at 22 ± 2°C ambient

capacity

rated:

minimum:

500 mAh

450 mAh

continuous discharge at 7.5kΩ load; 24hours/day

End Voltage (EV): 2.0V

continuous discharge at 7.5kΩ load; 24hours/day

EV: 2.0V

standard discharge time

minimum:

150 h

at 1.2kΩ load

EV: 2.0V

(for QC measurement)

discharge currents

standard:

max. recommended current

under continuous discharge:

max. recommended current

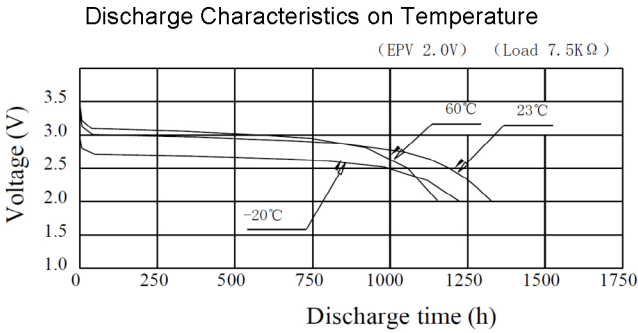
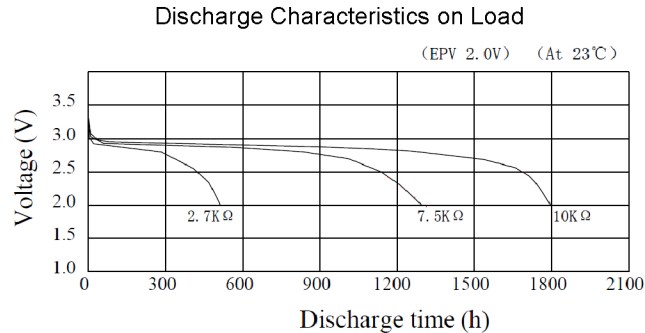
under pulse discharge:

0.2 mA

5 mA

20 mA

discharge diagrams:



shelf life:

self-discharge:

10 years

≤ 2 %

under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

per year (at 20°C ambient temperature)

operating temperature

range:

storage temperature:

- 20...70 °C

0...30 °C

(recommended)

mechanical specifications:

outer battery dimensions

diameter:

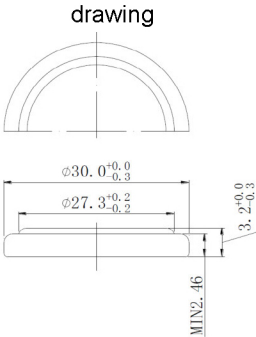
height:

30.0mm

3.2mm

+0/-0.3mm

+0/-0.4mm



nominal weight:

6.8 g

(approx.)



printed production date
4 digits (YYMM)
e.g. 1806 = 2018 June

	ANSMANN Specifications for model:	CR3032 Lithium Button Cell bulk package
	data sheet no. / part no.	1506-0009
	supplier no.	704080
	author / date	TG / 16.03.2021