

battery type: Lithium Button Cell
battery size: CR1025
chemical system: Lithium Manganese Dioxide

nominal voltage: 3.0 V
open circuit voltage: 3.0...3.4 V (new battery)
 2.9...3.4 V (after 1 year storage at 20°C)

Conditions

all measurements at 22 ± 2°C ambient

capacity rated: 30 mAh (discharge at 0.1mA constant current; 24hours/day End Voltage (EV): 2.0V)

minimum: 27 mAh (discharge at 0.1mA constant current; 24hours/day EV: 2.0V)

Standard discharge time minimum: 160 h (at 18kΩ load EV: 2.0V) (for QC measurement)

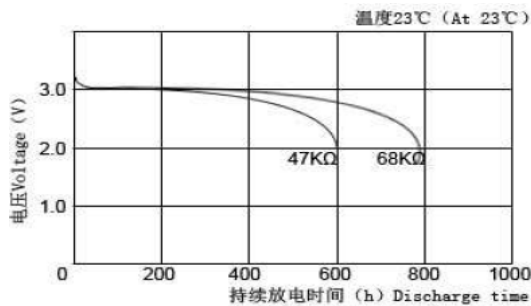
Discharge currents standard: 0.1 mA

max. recommended current under continuous discharge: 1 mA

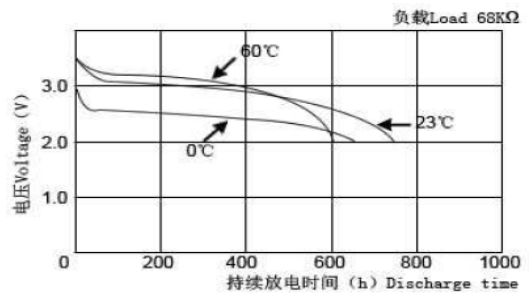
max. recommended current under pulse discharge: 5 mA

Discharge diagrams:

Discharge Characteristics on Load



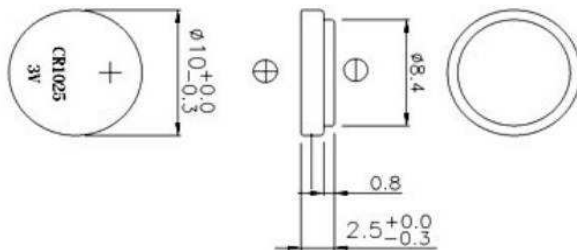
Discharge Characteristics on Temperature



shelf life: 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

operating temperature range: - 20...60 °C

mechanical specifications:




nominal weight: 0.8 g



blister card dimensions: 56 x 71.5mm

weight: 2.6g (incl. battery)

	ANSMANN Specifications for model:	CR1025 Lithium Button Cell blister package
	data sheet no. / part no.	1516-0005
	supplier no.	702572
	author / date	TG / 13.03.2013