



**THE DATASHEET OF  
5020142-XX**



**battery type:** Lithium Button Cell  
**battery size:** CR2025  
**chemical system:** Lithium Manganese Dioxide

**Conditions**

**nominal voltage:** 3.0 V  
**open circuit voltage:** 3.1...3.35 V (new battery)  
 3.0...3.35 V (after 1 year storage at 20°C)

all measurements at 22 ± 2°C ambient

**capacity rated:** 165 mAh (continuous discharge at 15kΩ load; 24hours/day)  
 End Voltage (EV): 2.0V

**minimum:** 155 mAh (continuous discharge at 15kΩ load; 24hours/day)  
 End Voltage (EV): 2.0V

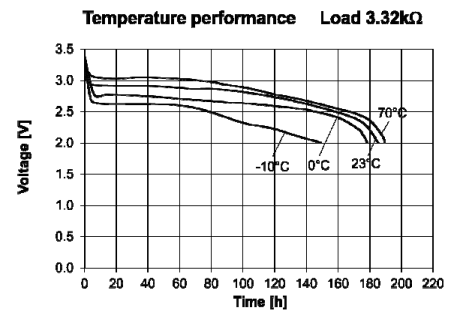
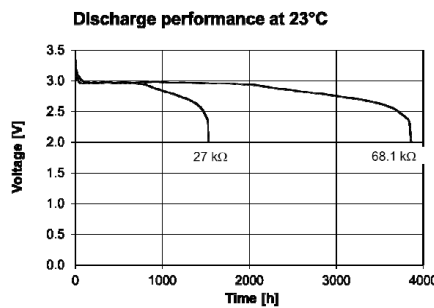
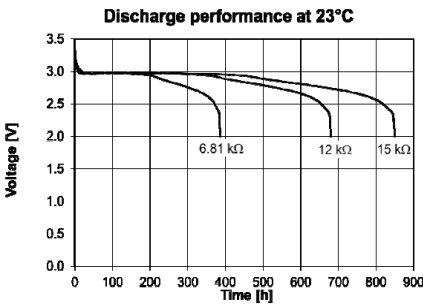
**Standard discharge time minimum:** 165 h (at 3.3kΩ load (for QC measurement)  
 EV: 2.0V)

**Discharge currents standard:** 0.3 mA

max. recommended current under continuous discharge: 3 mA

max. recommended current under pulse discharge: 8 mA

**Discharge diagrams:**



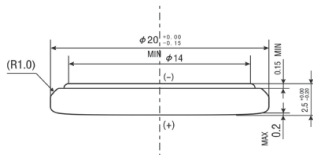
**shelf life:** 10 years under proper storage conditions (ta: ≤ 22°C; RH: 60 ± 15%)

**operating temperature range:** - 30...70 °C

**storage temperature:** 0...40 °C

**mechanical specifications:** according to IEC 60086

dimensions in mm



printed production date 4 digits (yyww)



**nominal battery weight:** 2.5 g

	<b>ANSMANN Specifications for model:</b>	<b>CR2025 Lithium Button Cell bulk package</b>
	data sheet no. / part no.	5020141-1
	s.n.	703700
	author / date	TG / 29.11.2016

## Looking for pricing, stock, or lifecycle information?

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