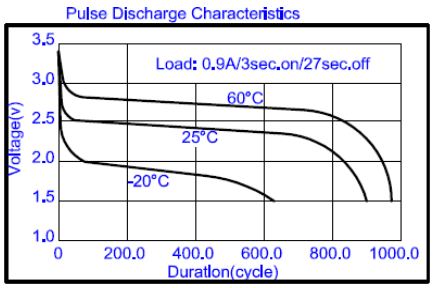
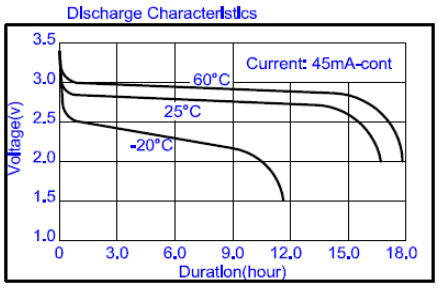
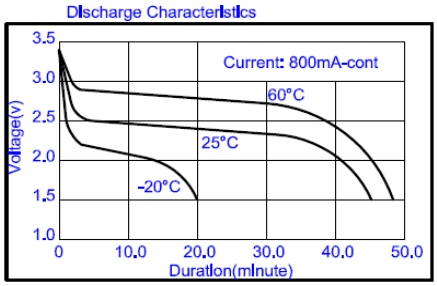
battery type:			lithium primary battery
battery size:			CR-2
chemical system:			Manganese Dioxide Lithium Battery
			conditions, remarks
nominal voltage:	3.0	V	
open circuit voltage:	3.0... 3.4	V	new battery
closed circuit voltage:	2.9...3.35	V	measured after 1s under load of 50Ω
capacity			measurements at 20°C ambient; new battery
rated:	800	mAh	discharge at 200Ω resistive load; 24hours/day End Voltage (EV): 2.0V
minimum:	750	mAh	discharge at 10mA constant current; 24hours/day End Voltage (EV): 2.0V
	575	mAh	discharge at 500mA constant current; continuous End Voltage (EV): 2.0V
duration			new battery
pulse load:	≥ 900	cycles	load: 900mA for 3s, rest time 27s at 20°C; End Voltage (EV): 1.5V

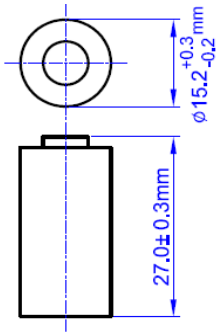
discharge diagrams:







max. discharge current			
continuous:	800	mA	
pulse:	1500	mA	
internal resistance:	≤ 0.7	Ω	sine wave AC method (1kHz; 0.1mA) according to IEC 896-2
shelf life:	10	years	under proper storage conditions
ambient temperature			
range:	- 40...60	°C	operating temperature
	- 20...45	°C	storage temperature
	10...30	°C	recom. storage temp.
relative humidity:	≤ 70%		during storage
mechanical specifications			
cell dimensions			
diameter:	15.3 - 0.5	mm	
height:	27.0 - 0.7	mm	
weight:	10 ± 1.5	g	



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ANSMANN®	**ANSMANN Specifications for model:**	**CR-2 Lithium Battery bulk package**
	data sheet no. / part no.	5020021
	Version no.	
	author / date	Gramlich / 12.03.2013

Manufacturer reserves the right to alter or amend the design, model and specification without prior notice