battery type: battery size: chemical system:		Lithium Button Cell CR1220 Lithium Manganese Dioxide		
		Conditions		
nominal voltage: open circuit voltage:	3.0 V 3.03.4 V 2.93.4 V	new battery after 1 year storage at 20°C		
capacity		all measurements at 22 ± 2°C ambient		
capacity rated:	38 mAh	continuous discharge at 62kΩ load; 24hours/day End Voltage (EV): 2.0V		
minimum:	35 mAh	continuous discharge at 62kΩ load; 24hours/day EV: 2.0V		
standard discharge time minimum:	150 h	at 13kΩ load (for G EV: 2.0V	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 Cha	restariation on La	and Diach	argo Characteristics on Tomporaturo	
	racteristics on Lo	2. 0V) (At 23°C)	Characteristics on Temperature (EPV 2. 0V) (Load 62K Ω)	
3.5		3.5	60°C	
2 3.0			23℃	
3.0 2.5 2.0 15KΩ		δ2KΩ () 3.0 δ2.5 10 2.0 2	-20°C	
ο 2.0   1.5 15KΩ	BOK Ω	$\sim$		
1.0		1.0		
0 200 400 Discl	narge time (h)	800 1000 0	200 400 600 800 1000 Discharge time (h)	
shelf life:	10 years	under proper storage condition	ons (ta: ≤ 22°C; RH: 60 ± 15%)	
self-discharge:	≤2 %	per year (at 20°C ambient ter		
-	//			
operating temperature	- 2070 °C			
range:	- 2070 °C 030 °C	(recommended)		
storage temperature:	030 C	(recommended)		
mechanical specifications:		drawing		
outer battery dimensions diameter: 12.5mm height: 2.0mm	+0/-0.3mm +0/-0.2mm		ANSMANN	
		φ12. 5 <sup>4</sup> 0.3 φ10. 4 <sup>4</sup> 0.2 0 0	1945 Sy Lithium Battery	
		- MIN1. 48	printed production date 4 digits (YYMM)	
nominal weight:	0.8 g	(approx.)	107	
	ANSMANN Specifications for model:		Lithium Button Cell CR1220	
	data sheet no. / part no.			
	supplier no.		704080	
	author / date		TG / 15.01.2019	
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