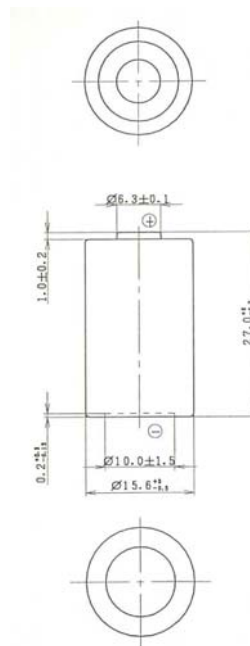



<b>battery system:</b>	Manganese Dioxide Lithium Battery	
	conditions, remarks	
<b>nominal voltage:</b>	3,0V	
off load voltage	3,1... 3,4V	new battery
closed circuit voltage	2,9... 3,35V	measured after 1s under load of 50ohm
<b>capacity:</b>	850mAh	continuous discharge under 200ohm load 2,0V end discharge voltage ambient temperature 20°C
<b>duration time:</b>	under 100ohm load 2,0V end discharge voltage	
initial	> 22h	at 60°C
	> 25h	at 23°C
	> 22h	at -20°C
after 12 months storage at 23°C	> 20h	at 60°C
	> 22h	at 23°C
	> 20h	at -20°C
	under pulse discharge load, load 1,2A for 3s, rest for 7s 1,3V end discharge voltage	
initial	> 600 cycles	at 60°C
	> 600 cycles	at 23°C
	> 360 cycles	at -20°C
after 12 months storage at 23°C	> 550 cycles	at 60°C
	> 550 cycles	at 23°C
	> 250 cycles	at -20°C
<b>self discharge:</b>	2%	per year, storage at 20°C
<b>temperature range:</b>	-40... 60°C	operating temperature
	10... 30°C	storage
<b>relative humidity:</b>	<60%	storage
<b>mechanical specifications:</b>		
weight	approx. 11g	



	specifications for model/type:	CR2 Lithium battery
	Ansmann drawing number / part number:	5020022
	drawn by / date:	Gramlich / 15.05.2003