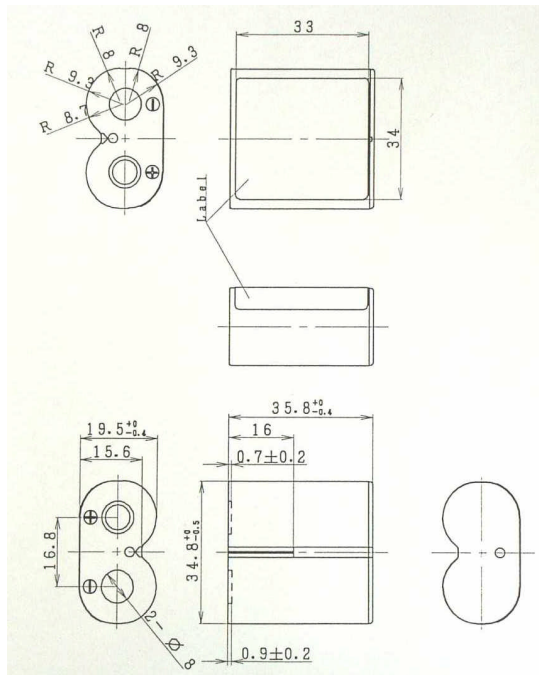



<b>battery system:</b>	Manganese Dioxide Lithium Battery	
<b>nominal voltage:</b>	6,0V	conditions, remarks
off load voltage	6,2... 6,8V	new battery
closed circuit voltage	5,8... 6,7V	measured after 1s under load of 100ohm
<b>capacity:</b>	1400mAh	continuous discharge under 400ohm load 4,0V end discharge voltage ambient temperature 20°C
<b>duration time:</b>	under 200ohm load 4,0V end discharge voltage	
initial	> 42min	at 60°C
	> 45min	at 23°C
	> 35min	at -20°C
after 12 months storage at 23°C	> 40min	at 60°C
	> 42min	at 23°C
	> 32min	at -20°C
	under pulse discharge load, load 1,2A for 3s, rest for 7s 2,6V end discharge voltage	
initial	> 1000 cycles	at 60°C
	> 900 cycles	at 23°C
	> 550 cycles	at -20°C
after 12 months storage at 23°C	> 900 cycles	at 60°C
	> 900 cycles	at 23°C
	> 450 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. 37g	



16

	specifications for model/type:	CR-P2 Lithium battery
	Ansmann drawing number / part number:	5020042
	drawn by / date:	Gramlich / 12.05.2003