PRODUCTS

# INDUSTRIAL SOLUTIONS

LITHIUM - User Replaceable

Developed first by Panasonic, packaged user replaceable lithium batteries offer high voltage and high energy density. They are available in two types: polycarbonmonofluoride and manganese dioxide (CFn/Li and MnO2/Li).



#### Features:

- Consumer replaceable
- High safety and reliability
- High current pulse discharge capability
- Rapid discharge for strobes at 6 V
- Superior shelf life/minimal discharge
- Wide temperature range (-40°C ~ 70°C)
- Lightweight
- High energy density

### Applications:

- Cameras
- Personal computers
- Memory back-up over a wide range of applications
- Other applications where ease of replacement is required



Our Lithium batteries are also known as Rapidflash™ Lithium Photocell Batteries in the consumer photography market.

Technical Data - User Replaceable Type							
Model Number	Voltage (V)	Nominal Capacity (mAh)	Dimensions (mm)		Basic Battery		
			External Diameter	Height	Weight (g)		
<u>CR123A</u>	3	1,550*	17.0	34.2	17		
<u>CR2</u>	3	850*	15.6	27.0	11		
<u>2CR5</u>	6	1,400**	17	34	38		
<u>CR-P2</u>	6	1,400**	19.5	35	37		
CR-V3P	3	3,300*	29	14.5	39		
* Based on standard drain and cut off voltage down to 2.0V at 20°C ** Based on standard drain and cut off voltage down to 4.0V at 20°C							

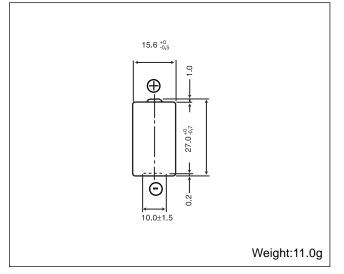
Downloaded from Elcodis.com electronic components distributor

Based on standard drain and cut off voltage down to 4.0V at 20°C

# Manganese Dioxide Lithium Cylindrical Batteries: Individual Specifications

## CR2

#### Dimensions(mm)

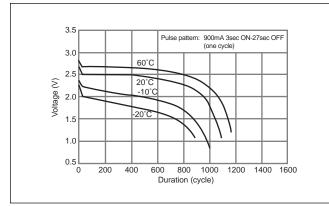


#### Specification

Nominal voltage (V)	3		
Nominal capacity (mAh)	850		
Continuous standard load (mA)	20		
Operating temperature (C)	-40 ~ +70 <sup>*</sup>		

\* Please consult Panasonic for use below and above -20°C to +60°C

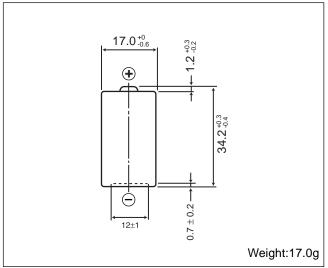
#### Temperature Characteristics



\* Please consult Panasonic for use below and above -20°C to +60°C

### **CR123A**

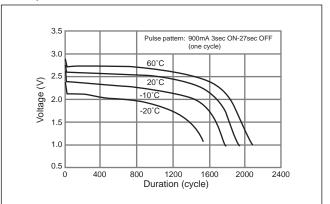
#### Dimensions(mm)



#### Specification

Nominal voltage (V)	3		
Nominal capacity (mAh)	1,550		
Continuous standard load (mA)	20		
Operating temperature (C)	-40 ~ +70 <sup>*</sup>		

#### Temperature Characteristics



\* Please consult Panasonic for use below and above -20°C to +60°C

**Panasonic** 

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