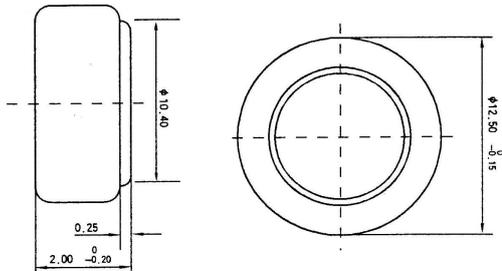


## Technical Data Sheet

### CR1220

- 1 Chemical System: Lithium/Manganese Dioxide(Li/MnO<sub>2</sub>)
- 2 Nominal Voltage: 3.0V
- 3 Nominal capacity: 40mAh(rated at62KΩ continuous at 20±3<sup>0</sup>C to 2.0V)
- 4 Average weight: 0.9g
- 5 Dimensions



- 6 Performance: refer to below table:

#### 6.1 Electrical parameters

Item	Storage	Performance	Test condition
OCV	fresh	3.20V~3.40V	DC Voltmeter: accuracy $\geq\pm 0.005V$ input impedance $\geq 1M\Omega$
	after 12 months	3.00V~3.20V	
CCV	fresh	$\geq 3.00V$	DC voltmeter: same as above load: 62KΩ for 0.8 sec.
	after 12 months	$\geq 3.00V$	

#### 6.2 Service life

Item	Storage	Performance	Test condition
Rated at 62KΩ	Fresh	$\geq 915hrs$	load: 62KΩ, cutoff voltage: 2.0V
	after 12 months	$\geq 825hrs$	

#### 6.3 Leakage proof

#### Leakage upon overdischarge :

Deformations should not exceed by 0.2mm over the maximum dimensions. No leakage shall take place.

#### Test condition:

temperature: 20±3<sup>0</sup>C

humidity: (65±10)%RH

load: 62KΩ

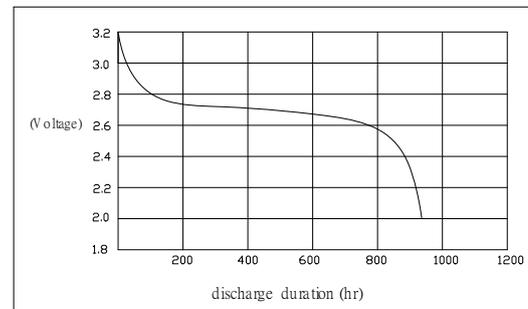
overdischarge: 48hrs

(further discharge upon cut off as specified)

### 7 Typical discharge curve

load: 62KΩ

cutoff voltage:2.0V



### 8 Marking:

8.1 model number: CR1220

8.2 brand: "RENOWN", "Neutral"

8.3 polarity: "+" marking on positive terminal (no "-" marking)

8.4 other specified marking:

### 9 Precautions:

9.1 Never charge the battery as it is not designed to be rechargeable, may cause leakage or damage to device.

9.2 Insert battery with its positive and negative terminals properly aligned with the corresponding marks on the equipment.

9.3 Never short circuit, heat, incinerate or disassemble the battery.

### 10 Warranty : 24 months after delivery