

## 2. CR PRIMARY LITHIUM BUTTON CELLS



## 2.1 TYPES – TECHNICAL DATA



CR 1216



CR 1616



CR 2016



CR 2025



CR 2032



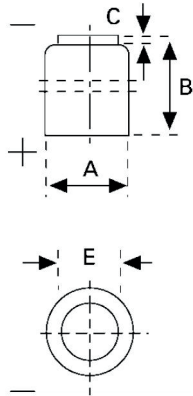
CR 2450

Type	Order No.	Nominal voltage (V)	Typical capacity <sup>1)</sup> (mAh)	Standard load (kΩ)	Max. discharge current (continuous) (mA)	Max. discharge current (pulse) (mA)	Weight (g)
CR 1/3 N	6131 101 501	3	170	5.6	20	80	3.0
CR 1216	6216 101 501	3	27	39	2	5	0.7
CR 1220	6220 101 501	3	35	39	2	5	0.8
CR 1616	6616 101 501	3	55	39	3	8	1.2
CR 1620	6620 101 501	3	70	20	3	8	1.2
CR 2016	6016 101 501	3	90	15	3	10	1.8
CR 2025	6025 101 501	3	165	10	3	10	2.5
CR 2032	6032 101 501	3	230	5.6	3	10	3.0
CR 2430	6430 101 501	3	300	5.6	3	20	4.0
CR 2450	6450 101 501	3	620	5.6	2	20	6.2

Technical data, CR Primary Lithium Button Cells

<sup>1)</sup> Nominal capacity is determined to an end voltage of 2.0 V when the battery is allowed to discharge at standard load level at 20°C

# CR 1/3 N



Type Number ..... 6131  
 Designation IEC ..... CR 11108  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 170 mAh (Load 5,6 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 3 g  
 Volume ..... 1,1 ccm  
 Coding ..... TBA

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      65°C<sup>1</sup>

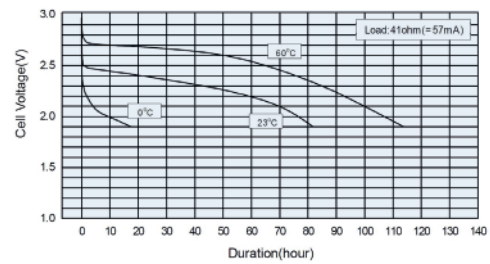
**Dimensions**                      min.      max.  
 Diameter (A) ..... 11,40      11,60  
 Height (B) ..... 10,40      10,80  
 Shoulder Diameter [L] ..... 7,60      8,00  
 Shoulder Height [M] ..... 0,40

### Typical Capacities (at 20°C)

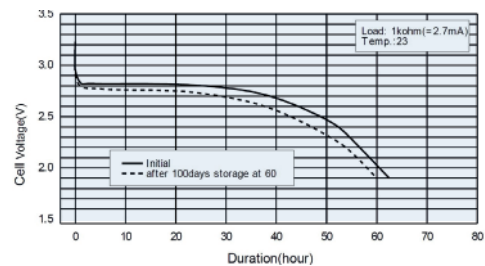
Discharge Type	Load	End Voltage: 2,0 V	
Continuous 24 h/d, 7 d/w Current [µA]	5600 Ω	Time:	335 h
		Capacity:	170 mAh
		Energy:	475 mWh

## Performance Data

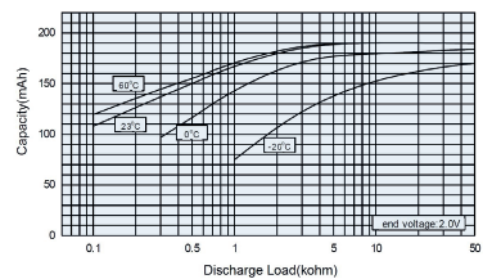
### Temperature Characteristics



### Operating Voltage vs. load resistance



### Capacity vs. load resistance

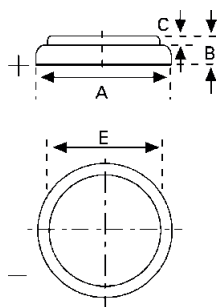


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +65°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 1216



Type Number ..... 6216  
 Designation IEC ..... CR 1216  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 27 mAh (Load 39 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 0,7 g  
 Volume ..... 0,17 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

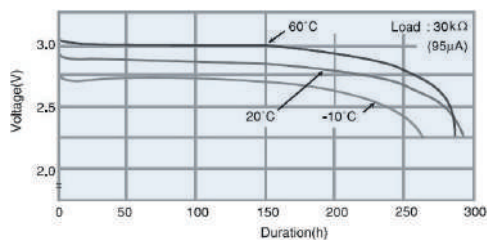
**Dimensions**                      min.      max.  
 Diameter (A) ..... 12,20      12,50  
 Height (B) ..... 1,40      1,60  
 Shoulder Diameter [E] ..... 10,00  
 Shoulder Height [C] ..... 0,20

### Typical Capacities (at 20°C)

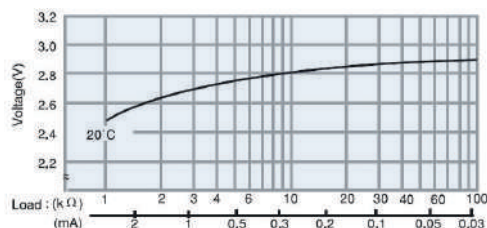
Discharge Type	Load	End Voltage: 2,0 V	
Continuous 24 h/d, 7 d/w Current [µA]	39000 Ω	Time: Capacity: Energy:	355 h 27 mAh 77 mWh

## Performance Data

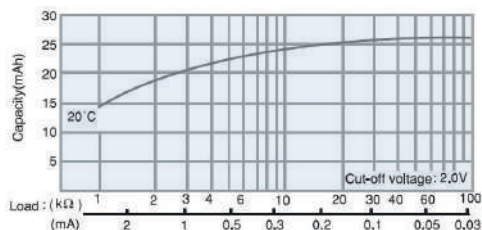
### Temperature Characteristics



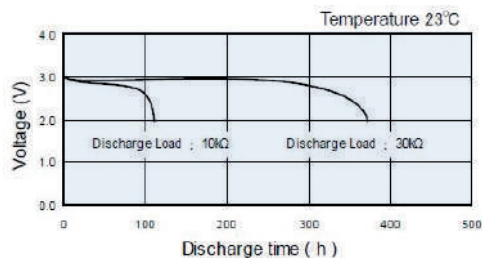
### Operating Voltage vs. load resistance\*



### Capacity vs. load resistance



### Discharge Characteristics

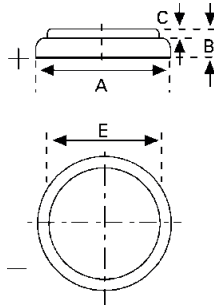


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 1220



Type Number ..... 6220  
 Designation IEC ..... CR 1220  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 35 mAh (Load 39 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 0,8 g  
 Volume ..... 0,2 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

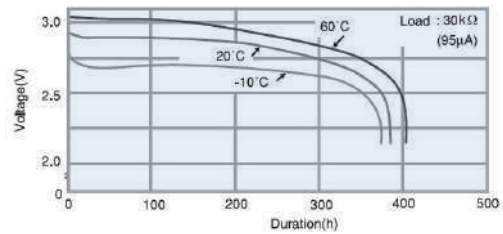
**Dimensions**                      min.      max.  
 Diameter (A) ..... 12,20      12,50  
 Height (B) ..... 1,80      2,00  
 Shoulder Diameter [E] ..... 10,00  
 Shoulder Height [C] ..... 0,30

### Typical Capacities (at 20°C)

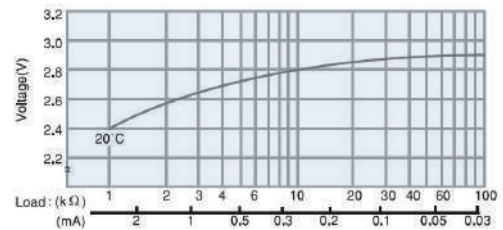
Discharge Type	Load	End Voltage: 2,0 V
Continuous 24 h/d, 7 d/w Current [µA]	39000 Ω	Time: 480 h Capacity: 35 mAh Energy: 100 mWh

## Performance Data

### Temperature Characteristics

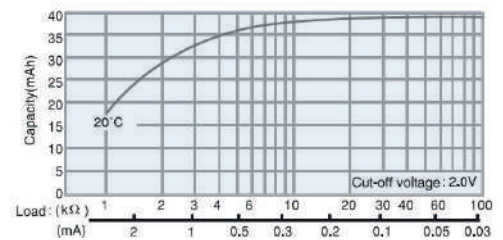


### Operating Voltage vs. load resistance\*

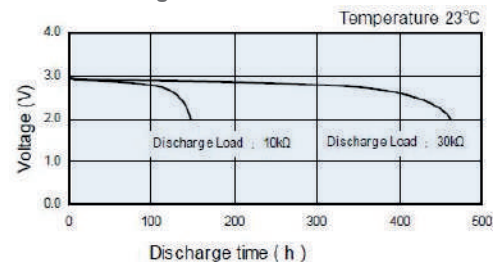


\*Discharge depth 50%

### Capacity vs. load resistance



### Discharge Characteristics

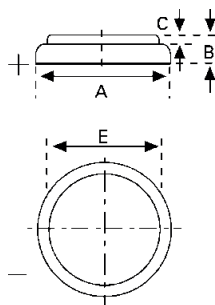


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 1616



Type Number ..... 6616  
 Designation IEC ..... CR 1616  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 55 mAh (Load 39 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 1,2 g  
 Volume ..... 0,3 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

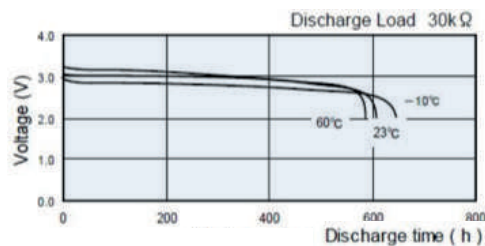
**Dimensions**                      min.      max.  
 Diameter (A) ..... 15,70      16,00  
 Height (B) ..... 1,40      1,60  
 Shoulder Diameter [E] ..... 12,00  
 Shoulder Height [C] ..... 0,20

### Typical Capacities (at 20°C)

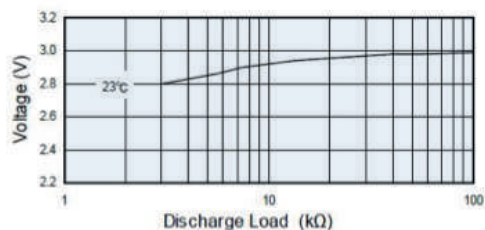
Discharge Type	Load	End Voltage: 2,0 V
Continuous 24 h/d, 7 d/w Current [µA]	39000 Ω	Time: 670 h Capacity: 50 mAh Energy: 142 mWh

## Performance Data

### Temperature Characteristics

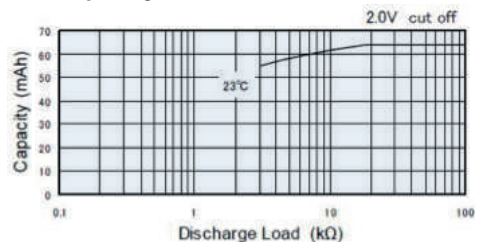


### Operating Voltage vs. load resistance\*

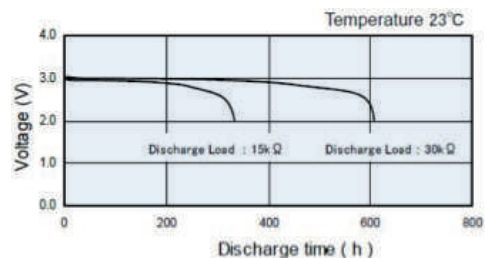


\*Discharge depth 40%

### Capacity vs. load resistance



### Discharge Characteristics

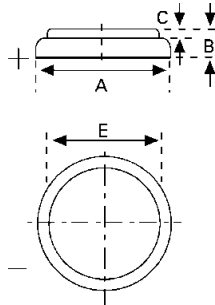


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 1620



Type Number ..... 6620  
 Designation IEC ..... CR 1620  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 70 mAh (Load 20 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 1,2 g  
 Volume ..... 0,4 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**

	min.	max.
Storage	-55°C	70°C
Discharge	-20°C	70°C <sup>1</sup>

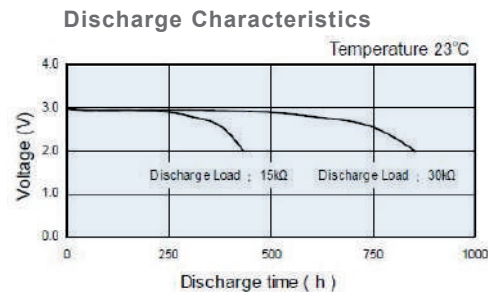
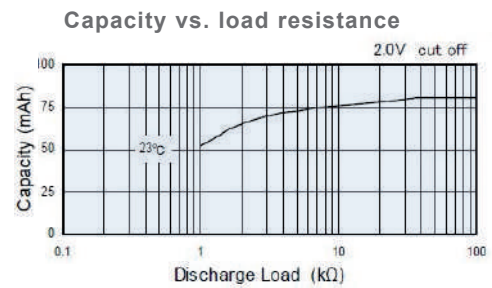
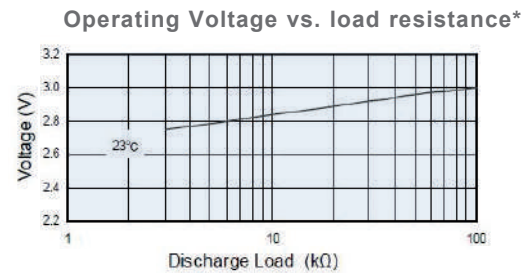
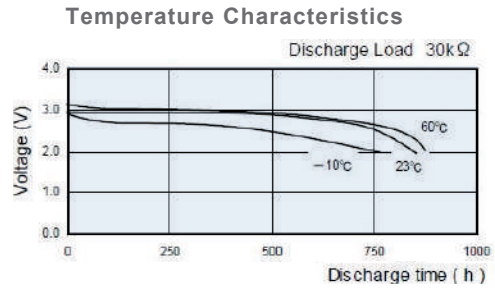
**Dimensions**

	min.	max.
Diameter (A)	15,70	16,00
Height (B)	1,80	2,00
Shoulder Diameter [E]	12,90	
Shoulder Height [C]	0,20	

### Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage: 2,0 V
Continuous 24 h/d, 7 d/w Current [µA]	20000 Ω	Time: 500 h Capacity: 70 mAh Energy: 200 mWh

## Performance Data

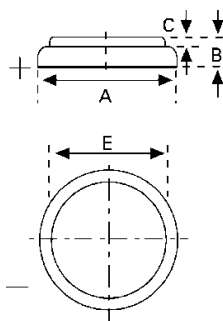


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 2016



Type Number ..... 6016  
 Designation IEC ..... CR 2016  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 90 mAh (Load 15 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 1,8 g  
 Volume ..... 0,5 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

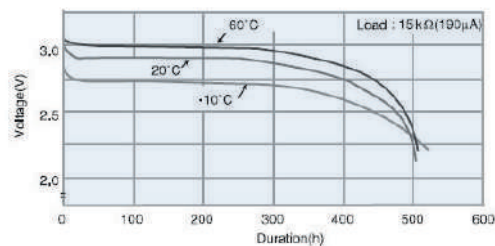
**Dimensions**                      min.      max.  
 Diameter (A) ..... 19,70      20,00  
 Height (B) ..... 1,40      1,60  
 Shoulder Diameter [E] ..... 18,40  
 Shoulder Height [C] ..... 0,10

### Typical Capacities (at 20°C)

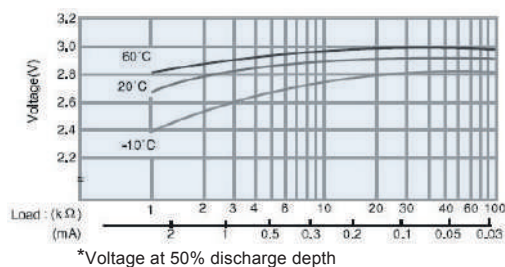
Discharge Type	Load	End Voltage: 2,0 V
Continuous 24 h/d, 7 d/w Current:	15000 Ω 200 μA	Time: 450 h Capacity: 90 mAh Energy: 270 mWh

## Performance Data

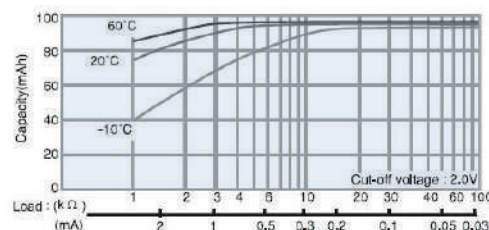
### Temperature Characteristics



### Operating Voltage vs. load resistance\*



### Capacity vs. load resistance



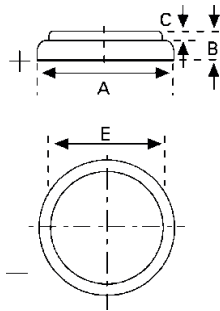
<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years



# CR 2025



Type Number ..... 6025  
 Designation IEC ..... CR 2025  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 165 mAh (Load 10 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 2,5 g  
 Volume ..... 0,75 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

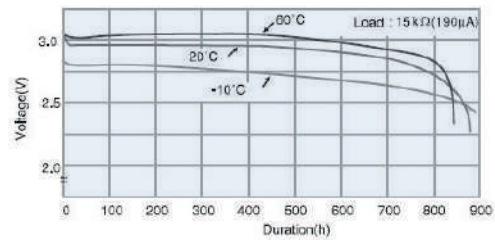
**Dimensions**                      min.      max.  
 Diameter (A) ..... 19,70      20,00  
 Height (B) ..... 2,20      2,50  
 Shoulder Diameter [E] ..... 18,30  
 Shoulder Height [C] ..... 0,20

### Typical Capacities (at 20°C)

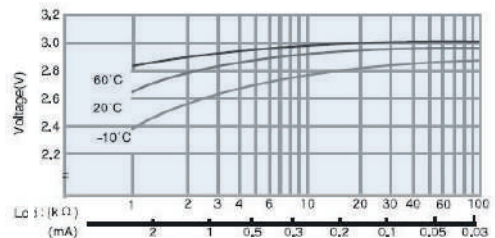
Discharge Type	Load	End Voltage: 2,0 V	
Continuous 24 h/d, 7 d/w Current [µA]	10000 Ω	Time:	580 h
		Capacity:	165 mAh
		Energy:	475 mWh

## Performance Data

### Temperature Characteristics

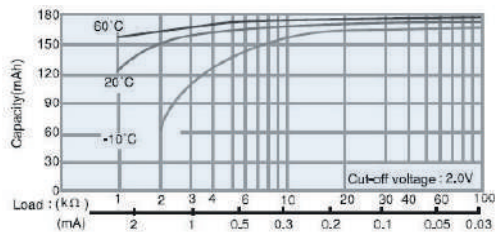


### Operating Voltage vs. load resistance\*



\*Voltage at 50% discharge depth

### Capacity vs. load resistance

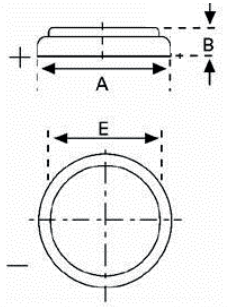


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 2032



Type Number ..... 6032  
 Designation IEC ..... CR 2032  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 230 mAh (Load 5,6 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 3 g  
 Volume ..... 0,95 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

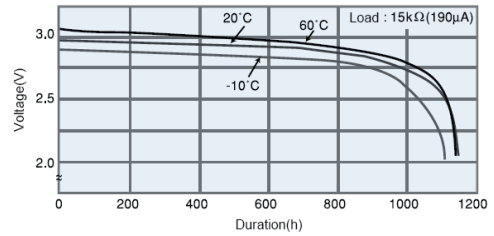
**Dimensions**                      min.      max.  
 Diameter (A) ..... 19,70      20,00  
 Height (B) ..... 2,90      3,20  
 Shoulder Diameter [E] ..... 16,00

### Typical Capacities (at 20°C)

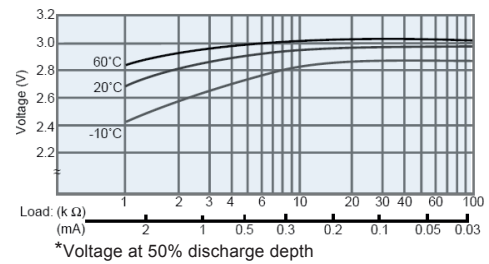
Discharge Type	Load	End Voltage: 2,0 V	
Continuous 24 h/d, 7 d/w Current [µA]	5600 Ω	Time:	460 h
		Capacity:	230 mAh
		Energy:	645 mWh

## Performance Data

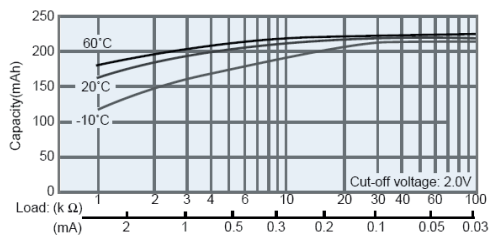
### Temperature Characteristics



### Operating Voltage vs. load resistance\*



### Capacity vs. load resistance

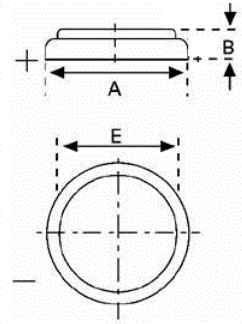


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 2430



Type Number ..... 6430  
 Designation IEC ..... CR 2430  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 300 mAh (Load 5,6 kOhm,  
 at 20°C down to 2 V)

Weight (approx.) ..... 4 g  
 Volume ..... 1,3 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

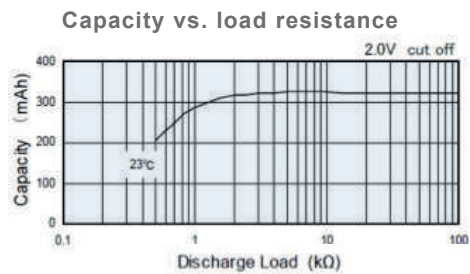
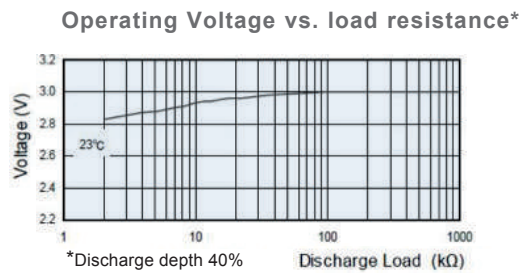
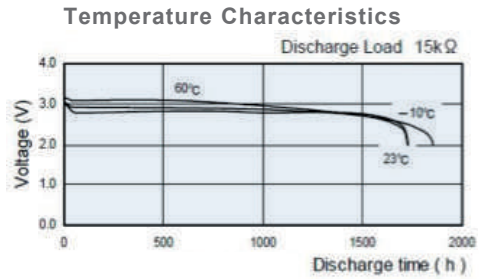
**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

**Dimensions**                      min.      max.  
 Diameter (A) ..... 24,20      24,50  
 Height (B) ..... 2,70      3,00  
 Shoulder Diameter [E] ..... 16,30      16,70

## Typical Capacities (at 20°C)

Discharge Type	Load	End Voltage: 2,0 V
Continuous 24 h/d, 7 d/w Current [µA]	5600 Ω	Time: 600 h Capacity: 300 mAh Energy: 840 mWh

## Performance Data

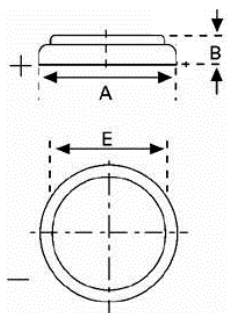


<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

# CR 2450



Type Number ..... 6450  
 Designation IEC ..... CR 2450  
 System ..... Li-Manganese dioxide/  
 Organic Electrolyte

UL Recognition ..... MH 13654 (N)  
 Nominal Voltage ..... 3 V  
 Typical Capacity C ..... 620 mAh (Load 5,6 kOhm  
 at 20°C down to 2 V)

Weight (approx.) ..... 6,2 g  
 Volume ..... 2,3 ccm  
 Coding ..... Date of Manufacturing  
 Month/Year

**Temperature Ranges**      min.      max.  
 Storage ..... -55°C      70°C  
 Discharge ..... -20°C      70°C<sup>1</sup>

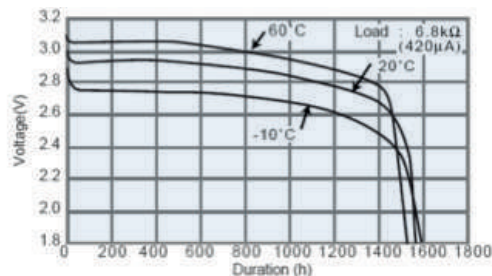
**Dimensions**                      min.      max.  
 Diameter (A) ..... 24,20      24,70  
 Height (B) ..... 4,60      5,00  
 Shoulder Diameter [E] ..... 21,00

### Typical Capacities (at 20°C)

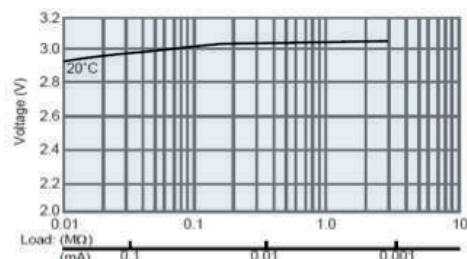
Discharge Type	Load	End Voltage: 2,0 V	
Continuous 24 h/d, 7 d/w	5600 Ω	Time:	1250 h
		Capacity:	620 mAh
		Energy:	1730 mWh

## Performance Data

### Temperature Characteristics

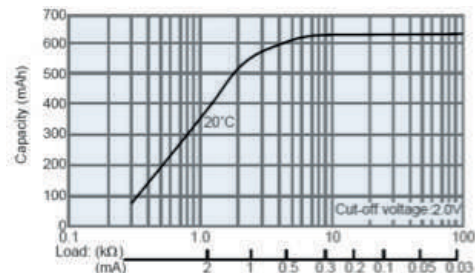


### Operating Voltage vs. load resistance\*



\*Discharge depth 40%

### Capacity vs. load resistance



<sup>1</sup> Contact VARTA if the application is intended to be outside the range of -20°C to +70°C.

<sup>2</sup> depending on environmental condition and energy consumption

- Self-discharge rate < 1% at room temperature
- Storage life > 10 years
- Operating life<sup>2</sup> > 10 years

## 2.2 ASSEMBLIES

### CR 1/3 N

Type	Order No.	A	B	C	D	E	F	G	H	I	K	L	Fig. No.	Remarks
CR 1/3 N	6131 101 501	11.6	10.8	0.4	-	7.8	-	-	-	-	-	-	1	-
CR 1/3 N PC PCB	6131 201 501	13.0	1.0	10.0	1.0 ±0.3	11.5 ±0.5	12.0 ±0.15	-	1.0 ±0.3	3.0	-	-	3	tag 0.25 mm
CR 1/3 N BE STO	6131 301 501	-	-	-	-	11.5	12.0	-	-	-	19.0	4.0	2	tag 0.25 mm 180°

Tag material: nickel plated sheet-steel. SLF: tip tinned.

Custom made assemblies are available on request for large volume.

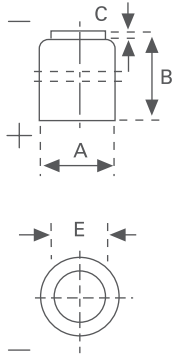


FIG. 1

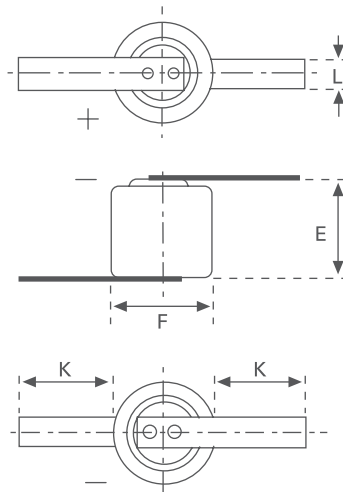


FIG. 2 LF

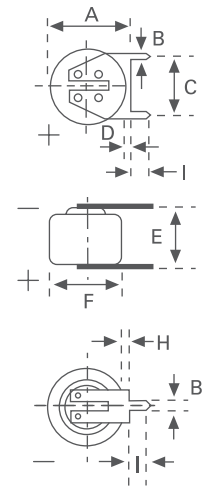


FIG. 3 SLF

CR Button

Type	Order No.	A	B	C	D	E	F	G	H	I	K	L	Fig. No.	Remarks
CR 1216	6216 101 501	12.5	1.6	0.2	-	10.0	-	-	-	-	-	-	4	
CR 1220	6220 101 501	12.5	2.0	0.3	-	10.0	-	-	-	-	-	-	4	
CR 1616	6616 101 501	16.0	1.6	0.2	-	12.0	-	-	-	-	-	-	4	
CR 1620	6620 101 501	16.0	2.0	0.02	-	12.9	-	-	-	-	-	-	4	
CR 2016	6016 101 501	20.0	1.6	0.1	-	-	-	-	-	-	-	-	4	
CR 2016 SC PCBD	6016 201 501	21.3	1.0	10.0±0.15	1.0 ±0.3	2.1 ±0.5	20.3±0.15	-	1.0 ±0.3	4.5	-	-	5	tag 0.25 mm
CR 2016 SC STO	6016 301 501	20.0	-	-	-	1.9	20.0	-	-	-	10.0	4.0	6	tag 0.15 mm
CR 2016 BE PCBD	6016 401 501	20.0	1.0	10.0	9.1	1.6	17.8	7.3	10.0	4.5	11.4	-	7	tag 0.15 mm
CR 2016 FM S STO	6016 301 012	20.5	3.5	1.8	3.0	2.2	-	-	-	-	-	-	-	

Tag material: nickel plated sheet-steel. SLF: tip tinned.  
 Custom made assemblies are available on request for large volume.

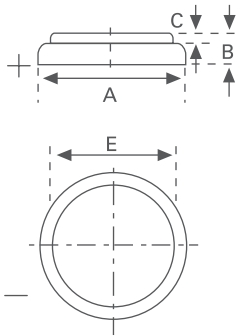


FIG. 4

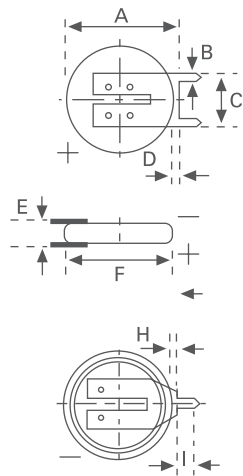


FIG. 5 SLF

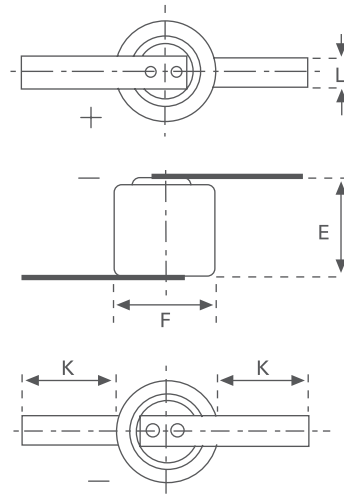


FIG. 6 LF

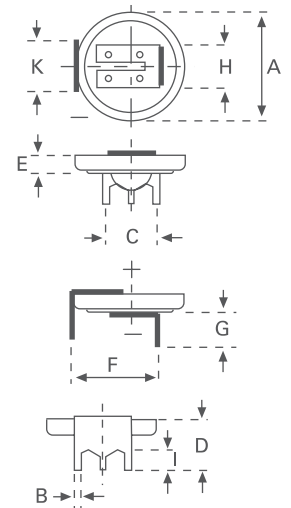


FIG. 7 PCB 3

## CR Button

Type	Order No.	A	B	C	D	E	F	G	H	I	K	L	Fig. No.	Remarks
CR 2025	6025 101 501	20.0	2.5	0.2	-	-	-	-	-	-	-	-	8	-
CR 2025 ST	6025 201 501	21.3	1.0	10.0 ±0.2	1.0 ±0.3	3.0 ±0.5	20.3 ±0.15	-	1.0 ±0.3	4.5	-	-	9	tag 0.25 mm
CR 2025 SC STO	6025 301 501	20.0	-	-	-	2.8	20.3	-	-	-	10.0	4.0	10	tag 0.15 mm
CR 2025 BE PCBD	6025 401 501	20.0	1.0	10.0	10.0	2.8	17.8	7.3	10.0	4.5	11.4	-	11	tag 0.15 mm
CR 2032	6032 101 501	20.0	3.2	0.02	-	16.5	-	-	-	-	-	-	8	-
CR 2032 SC PCBD	6032 201 501	21.5	1.0	10.0	1.0 ±0.3	4.2	20.3	-	1.0	4.5	-	-	9	tag 0.25 mm
CR 2032 SC STO	6032 301 501	-	-	-	-	3.2	20.3	-	-	-	10.0	4.0	10	tag 0.15 mm
CR 2032 PCBD	6032 401 501	20.0	1.0	10.0	11.0	3.2	17.8	7.5	10.0	4.5	11.4	-	11	tag 0.25 mm
CR 2032 BE PCBS	6032 701 501	20.0	1.0	-	11.0	3.2	17.8	7.3	10.0	4.5	10.0	-	12	tag 0.20 mm
CR 2032 S WC <sup>1)</sup>	6032 101 013	20.7	-	-	-	5.5	30.0	-	-	-	96.0	2.0	13	tag 0.20 mm <sup>2)</sup>
CR 2032 S STO	6032 101 012	20.0	7.0	2.8	5.0	3.8	-	-	-	-	-	-	14	-

Tag material: nickel plated sheet-steel. SLF: tip tinned.

<sup>1)</sup> using Molex 51021-03 connector (Other wire connectors and wire length are available on request.) <sup>2)</sup> in shrink sleeve with wire and connector

Custom made assemblies are available on request for large volume.

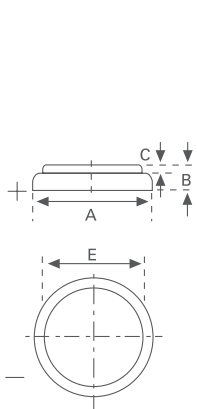


FIG. 8

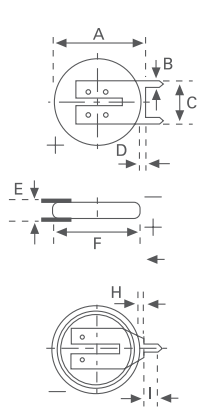


FIG. 9 SLF

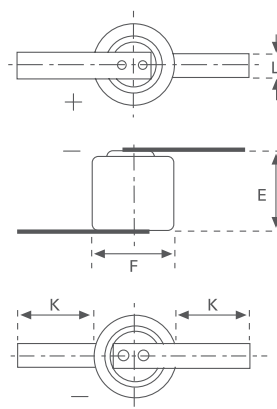


FIG. 10 LF

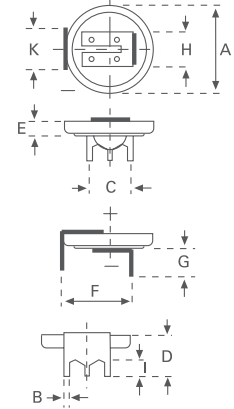


FIG. 11 PCB3

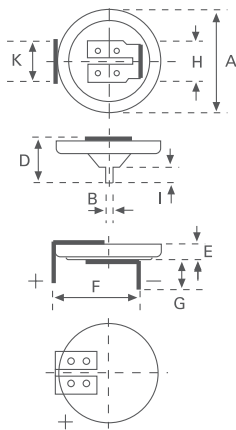


FIG. 12 PCB 2

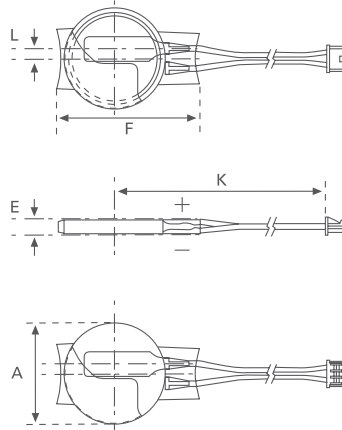


FIG. 13 WC

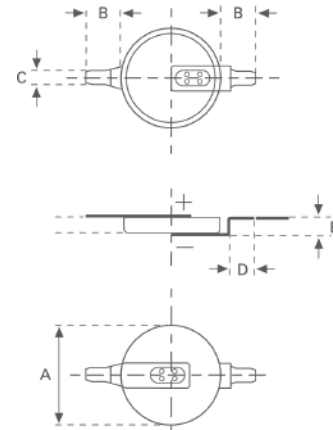


FIG. 14 SMT

CR Button

Type	Order No.	A	B	C	D	E	F	G	H	I	K	L	Fig. No.	Remarks
CR 2430	6430 101 501	24.5	3.0	0.3	-	20.0	-	-	-	-	-	-	15	-
CR 2430 SLF	6430 201 501	25.6	1.0	10.0	1.0	4.0	25.0	-	1.0	4.5	-	-	16	tag 0.25 mm
CR 2430 LF	6430 301 501	-	-	-	-	3.2	25.0	-	-	-	10.0	4.0	17	tag 0.15 mm
CR 2430 PCB 3	6430 401 501	24.5	1.0	10.0	11.0	3.0	17.8	7.5	10.0	4.5	11.4	-	18	tag 0.25 mm
CR 2430 PCB 2	6430 701 501	24.5	1.0	-	11.0	3.0	20.0	7.5	10.0	4.5	11.4	-	19	tag 0.20 mm
CR 2430 SMT	6430 301 012	24.5	5.2	4.0	5.0	3.3	-	-	-	-	-	-	20	-
CR 2450	6450 101 501	24.7	5.0	0.5	-	21.8	-	-	-	-	-	-	15	-
CR 2450 SLF	6450 201 501	25.6	1.0	10.0	1.0	6.0	25.0	-	1.0	4.5	-	-	16	tag 0.25 mm
CR 2450 PCB 3	6450 401 501	24.5	1.0	10.0	13.2	5.0	17.8	7.5	10.0	4.5	11.4	-	18	tag 0.25 mm
CR 2450 PCB 2	6450 701 501	24.7	1.0	-	12.7	5.0	17.8	7.5	10.0	4.5	11.4	-	19	tag 0.20 mm
CR 2450 SMT	6450 301 013	24.5	4.5	2.8	3.5	5.3	-	-	-	-	-	-	20	-

Tag material: nickel plated sheet-steel. SLF: tip tinned.

1) using Molex 51021-03 connector (Other wire connectors and wire length are available on request.)

2) in shrink sleeve with wire and connector

Custom made assemblies are available on request for large volume.

