

RATINGS OF MANGANESE DIOXIDE LITHIUM BATTERY

(TYPE: CR1632)

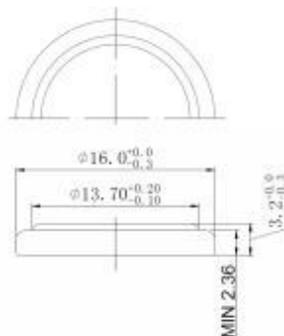
<i>CLASSIFICATION</i>		<i>MANGANESE DIOXIDE LITHIUM PRIMARY BATTERY</i>
<i>BATTERY SYSTEM</i>		<i>COIN TYPE MANGANESE DIOXIDE LITHIUM BATTERY</i>
<i>BATTERY TYPE</i>		CR1632
<i>NOMINAL VOLTAGE</i>		3.0V
<i>NOMINAL CAPACITY</i>		120mAh <i>(ON CONTINUOUS DISCHARGE UNDER 15K Ω load to 2.0V end-point)</i>
<i>STANDARD DISCHARGE CURRENT</i>		0.1mA
<i>MASS</i>		APPROX. 2.0g
<i>TERMINALS</i>	<i>CAP TERMINAL CASE TERMINAL</i>	<i>SUS430+Ni-paltd SUS430+Ni-paltd</i>
<i>OUTER DIMENSIONS</i>	<i>DIAMETER OVERALL HEIGHT</i>	$\phi 16.0(+0/-0.3)mm$ $3.2(+0/-0.3)mm$
<i>USABLE TEMPERATURE RANGE</i>		-20 $^{\circ}C$ ~ +70 $^{\circ}C$
<i>STORAGE TEMPERATURE RANGE</i>		0 $^{\circ}C$ ~ 30 $^{\circ}C$
<i>STORAGE HUMIDITY RANGE</i>		40%~75%

The Appearance Of CR1632

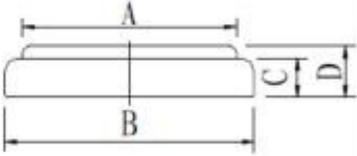


The Dimensions Of CR1632

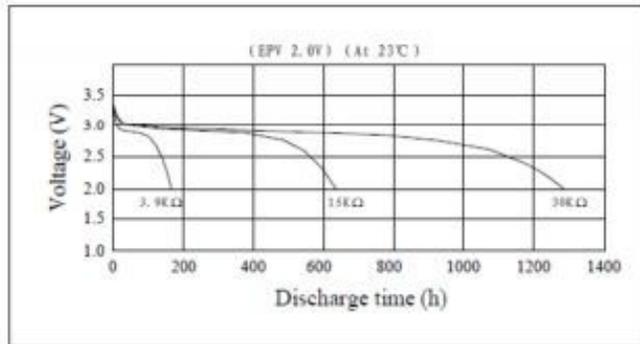
Fig.1



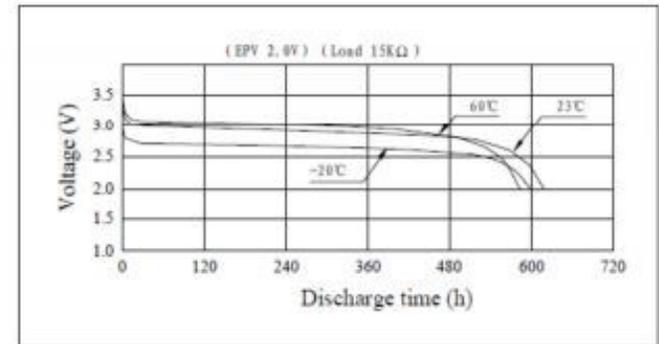
Specifications

Nominal Voltage	3V	<p style="text-align: center;">Dimensions (mm)</p> 	A	$\phi 13.7$
Nominal Capacity	120 (mAh)		B	$\phi 16.0^{+0.0}_{-0.3}$
Continuous standard load	15 (K Ω)		C	2.36 (Ref.)
Operating temperature	-20 ~ 70 $^{\circ}\text{C}$		D	$3.2^{+0.0}_{-0.3}$
Weight	2.0 (g)			

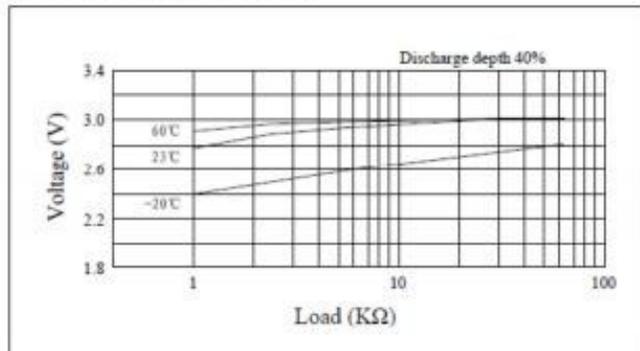
Discharge characteristics



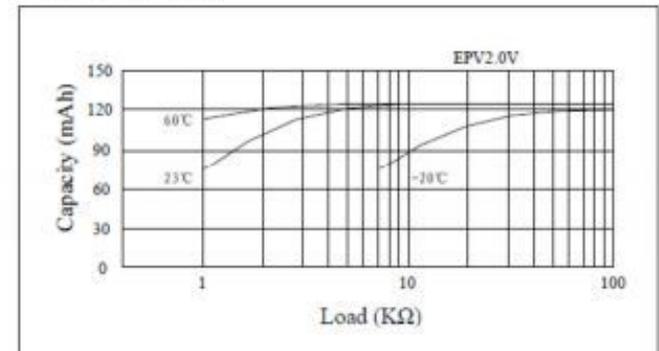
Temperature characteristics



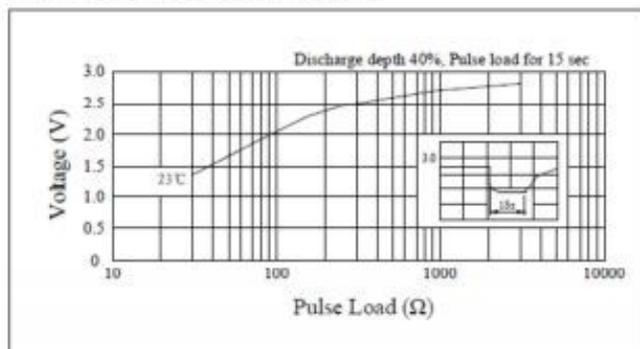
Load vs. Operating voltage



Load vs. Capacity



Pulse discharge characteristics



Storage characteristics

