

RATINGS OF MANGANESE DIOXIDE LITHIUM BATTERY

(TYPE: CR2032)

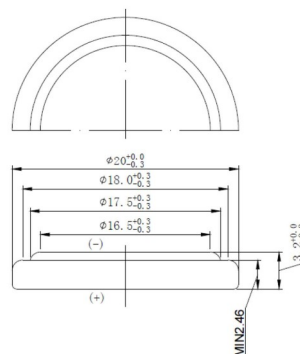
CLASSIFICATION		MANGANESE DIOXIDE LITHIUM PRIMARY BATTERY
BATTERY SYSTEM		COIN TYPE MANGANESE DIOXIDE LITHIUM BATTERY
BATTERY TYPE		CR2032
NOMINAL VOLTAGE		3.0V
NOMINAL CAPACITY		220mAh (ON CONTINUOUS DISCHARGE UNDER 15K Ω load to 2.0V end-point)
STANDARD DISCHARGE CURRENT		0.2mA
MASS		APPROX. 3.2g
TERMINALS	CAP TERMINAL CASE TERMINAL	SUS430+Ni-plated SUS430+Ni-plated
OUTER DIMENSIONS	DIAMETER OVERALL HEIGHT	$\phi 20.0(+0/-0.3)mm$ $3.2(+0/-0.3)mm$
USABLE TEMPERATURE RANGE		-20 $^{\circ}C \sim +70^{\circ}C$
STORAGE TEMPERATURE RANGE		0 $^{\circ}C \sim 30^{\circ}C$
STORAGE HUMIDITY RANGE		40%~75%

The Appearance Of CR2032

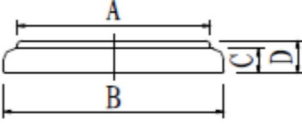


The Dimensions Of CR2032

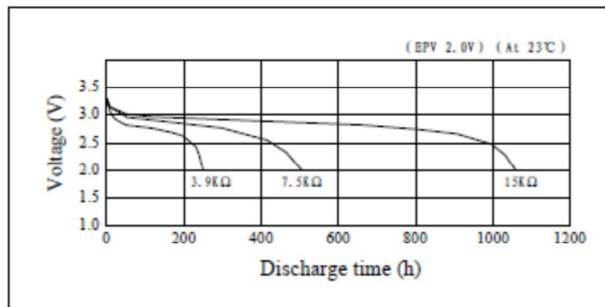
Fig.1



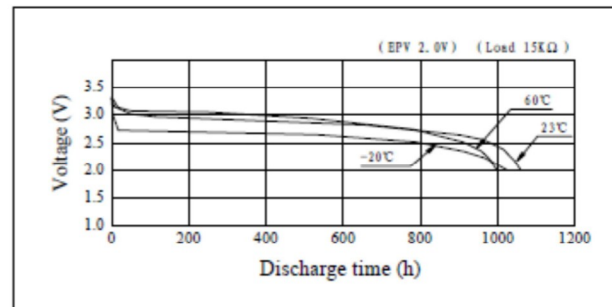
Specifications

Nominal Voltage	3V	Dimensions (mm) 	A	$\phi 17.5$
Nominal Capacity	220 (mAh)		B	$\phi 20.0 \begin{smallmatrix} +0.0 \\ -0.3 \end{smallmatrix}$
Continuous standard load	15 (K Ω)		C	2.46 (Ref.)
Operating temperature	-20 ~ 70 °C		D	3.2 $\begin{smallmatrix} +0.00 \\ -0.30 \end{smallmatrix}$
Weight	3.2 (g)			

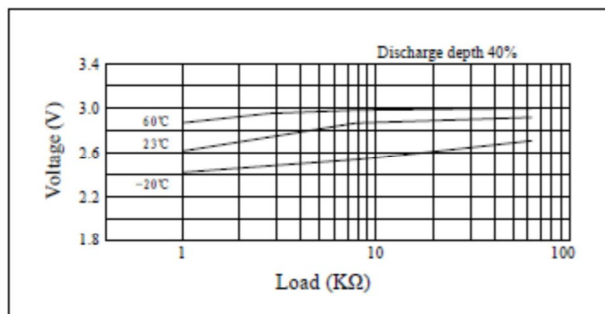
Discharge characteristics



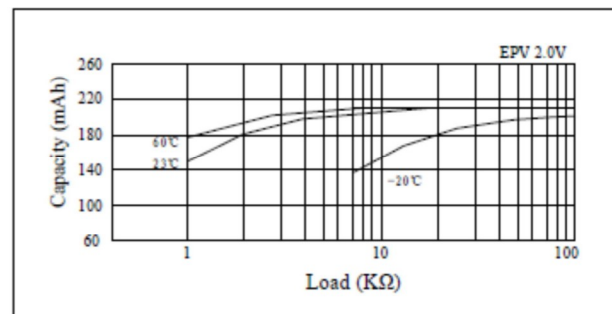
Temperature characteristics



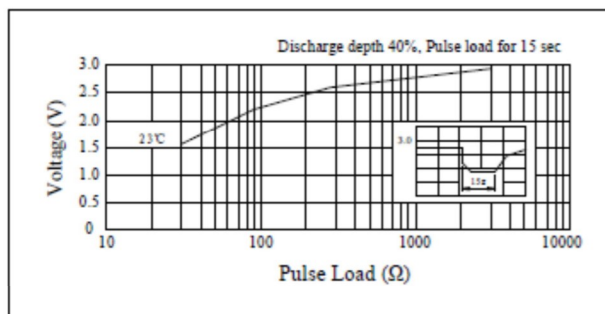
Load vs. Operating voltage



Load vs. Capacity



Pulse discharge characteristics



Storage characteristics

