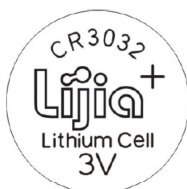


RATINGS OF MANGANESE DIOXIDE LITHIUM BATTERY

(TYPE: CR3032)

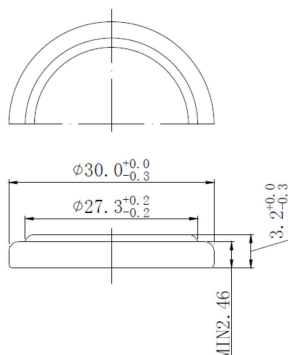
CLASSIFICATION		MANGANESE DIOXIDE LITHIUM PRIMARY BATTERY
BATTERY SYSTEM		COIN TYPE MANGANESE DIOXIDE LITHIUM BATTERY
BATTERY TYPE		CR3032
NOMINAL VOLTAGE		3.0V
NOMINAL CAPACITY		500mAh (ON CONTINUOUS DISCHARGE UNDER 7.5K Ω load to 2.0V end-point)
STANDARD DISCHARGE CURRENT		0.2mA
MASS		APPROX. 6.8g
TERMINALS	CAP TERMINAL CASE TERMINAL	SUS430+Ni-Plated SUS430+Ni-Plated
OUTER DIMENSIONS	DIAMETER OVERALL HEIGHT	$\phi 30.0(+0/-0.3)\text{mm}$ $3.2(+0/-0.3)\text{mm}$
USABLE TEMPERATURE RANGE		-20 °C ~ +70 °C
STORAGE TEMPERATURE RANGE		0 °C ~ 30 °C
STORAGE HUMIDITY RANGE		40% ~ 75%

The Appearance Of CR3032

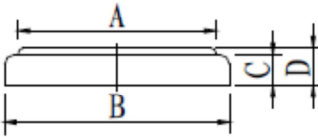


The Dimensions Of CR3032

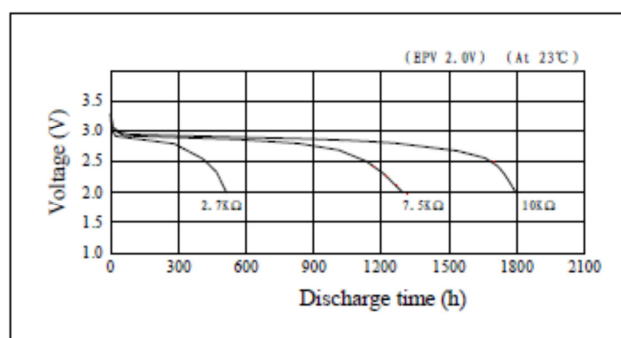
Fig.1



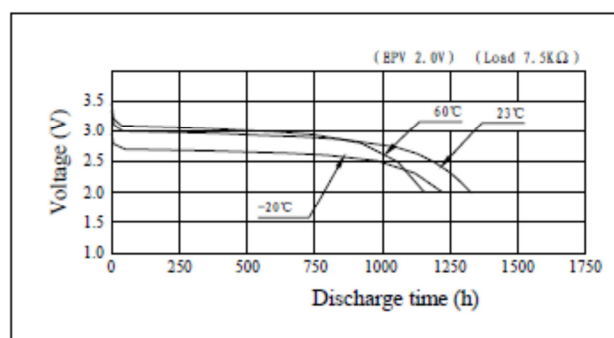
Specifications

Nominal Voltage	3V	Dimensions (mm) 	A	$\phi 27.3$
Nominal Capacity	500 (mAh)		B	$\phi 30.0^{+0.0}_{-0.3}$
Continuous standard load	7.5 (K Ω)		C	2.46 (Ref.)
Operating temperature	-20 ~ 70°C		D	$3.2^{+0.0}_{-0.3}$
Weight	6.8g			

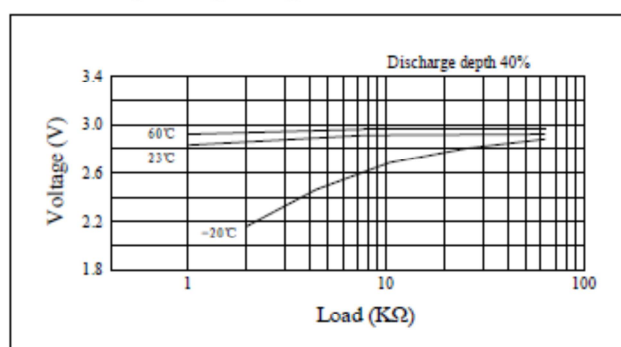
Discharge characteristics



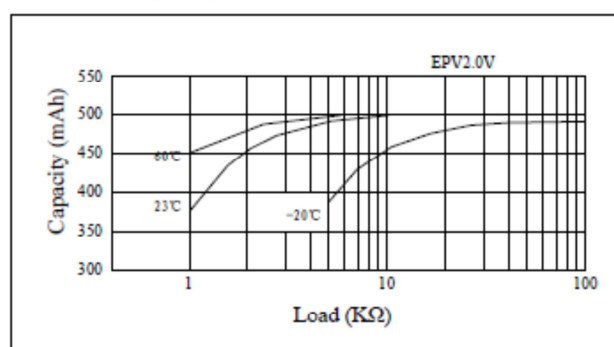
Temperature characteristics



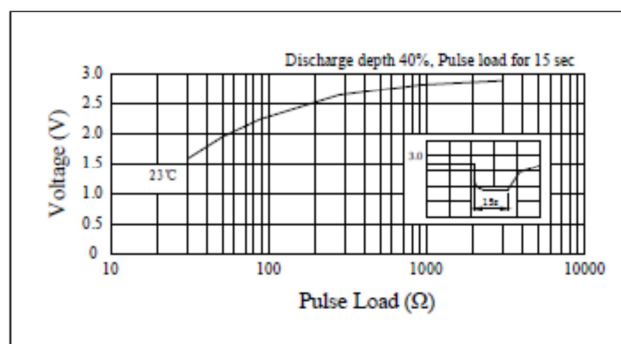
Load vs. Operating voltage



Load vs. Capacity



Pulse discharge characteristics



Storage characteristics

