

RATINGS OF MANGANESE DIOXIDE LITHIUM BATTERY

(TYPE: CR1632)

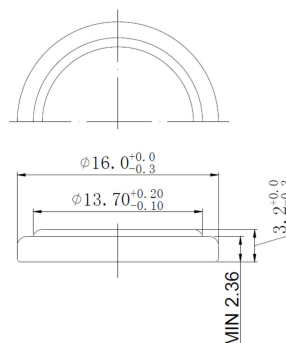
CLASSIFICATION		MANGANESE DIOXIDE LITHIUM PRIMARY BATTERY
BATTERY SYSTEM		COIN TYPE MANGANESE DIOXIDE LITHIUM BATTERY
BATTERY TYPE		CR1632
NOMINAL VOLTAGE		3.0V
NOMINAL CAPACITY		120mAh (ON CONTINUOUS DISCHARGE UNDER 15K Ω load to 2.0V end-point)
STANDARD DISCHARGE CURRENT		0.1mA
MASS		APPROX. 2.0g
TERMINALS	CAP TERMINAL CASE TERMINAL	SUS430+Ni-plated SUS430+Ni-plated
OUTER DIMENSIONS	DIAMETER OVERALL HEIGHT	$\phi 16.0(+0/-0.3)mm$ $3.2(+0/-0.3)mm$
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 CR1632



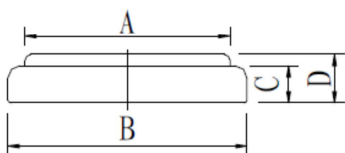
The Dimensions Of CR1632

Fig.1

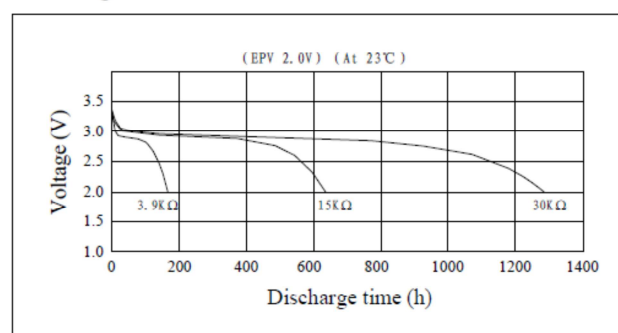


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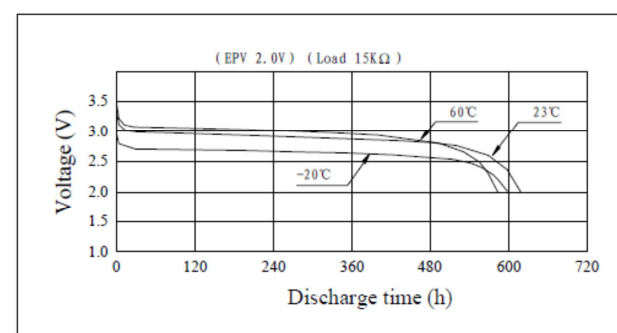
Specifications

Nominal Voltage	3V	Dimensions (mm) 	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°C		D	$3.2^{+0.0}_{-0.3}$
Weight	2.0 (g)			

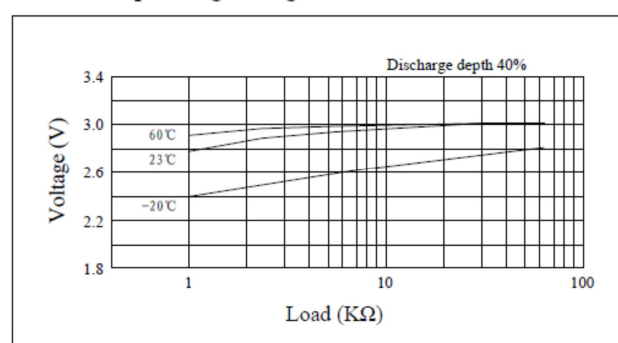
Discharge characteristics



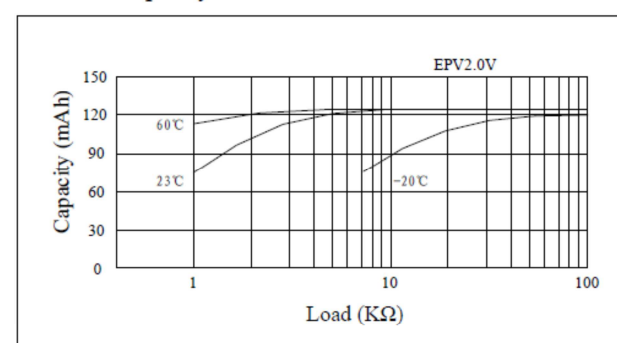
Temperature characteristics



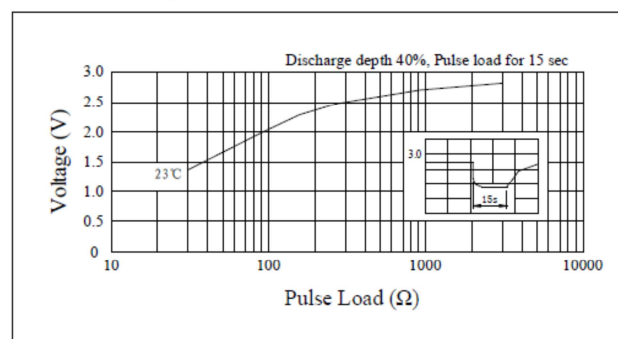
Load vs. Operating voltage



Load vs. Capacity



Pulse discharge characteristics



Storage characteristics

