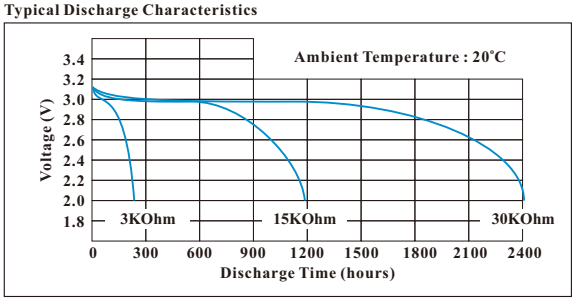
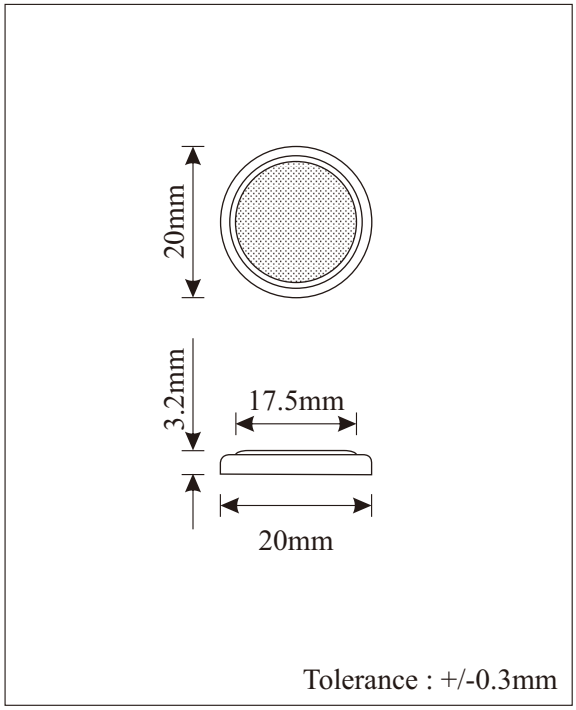
LITHIUM BATTERY

SPECIFICATIONS

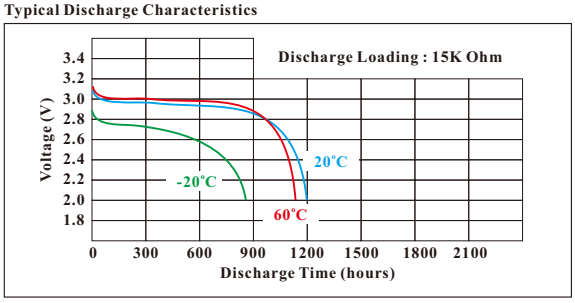
Model	:	CR2032
Description	:	Lithium Coin Cell ($LiMnO_2$), Mercury Free
Nominal Capacity	:	230mAh at 15K Ohm continuous discharge
Nominal Voltage	:	3.0 V
Cut-Off Voltage	:	2.0 V
Weight	:	3.1 g
Expected Shelf Life	:	3 years ex-factory
Recommended Drain	:	Pulse - 15mA Standard - 15K Ohm loading
Service Life	:	Typ. 1200 hrs at 15K Ohm continuous discharge Typ. 210 hrs at 3K Ohm continuous discharge
Application	:	Memory Backup, Electronic Watches, Calculators, Cameras, Electronic Translators, Low Power Cordless Application

Typical Discharge Characteristics

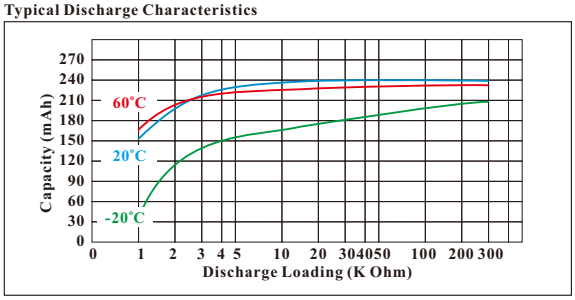




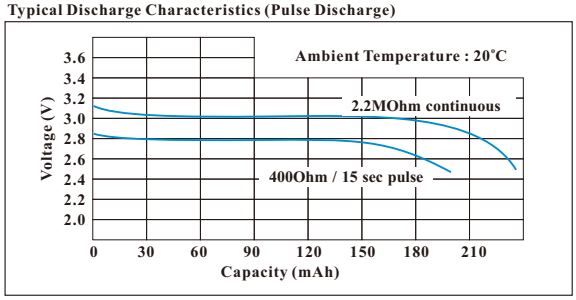
Typical Discharge Characteristics



Typical Discharge Characteristics



Typical Discharge Characteristics (Pulse Discharge)



Information is for reference only and is not intended to make or imply any guarantee or warranty. Information is based on new battery. Battery performance varies with time, discharge and storage condition. Battery has 1 year limited guarantee against manufacturing defects. Other problem caused by misuse, mishandling of cell, or malfunction of equipment, is not under the warranty.

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PROPER USE AND HANDLING

This page is not intended to provide all the information that you will need to know to safely use the battery. Customer should employ appropriate cautions in order to obtain optimum performance and safety.

Handling and Safety	:	Do not mix new and used batteries Do not mix batteries of different sizes, brands and types. Do not recharge the batteries Do not reverse the polarity Do not over-discharge the battery Do not heat, incinerate or solder on the battery Do not puncture, crush or dismantle the battery Do not expose content to water Keep battery away from children Do not short circuit the battery. Control measures should be implemented throughout the workplace. Batteries should be stored in original packaging or by similar means before installation or after removal. Batteries should be handled by trained workers. Avoid dropping of the battery. Dropped battery should be treated as a potential hot cell and must be segregated from the batch. All inspection tools should be non-conductive. Batteries should be inspected for physical damage. After checked, they should be returned to their storage packaging.
Storage	:	Store batteries in a cool, dry and well-ventilated area. Storage temperature should be within the specified range in the specification Keep away from moisture, hear sources and open flames. Keep batteries in original packaging. Do not apply pressure that may deform the battery. Appropriate fire extinguishing means and personal protective equipment should be available.
Installation	:	Install only new batteries with the same size, type and date code. Make sure the polarities is correct in installation. Make sure the batteries is in physically good conditions
Disposal	:	Dispose the batteries in accordance with local regulations Secure terminals to prevent short-circuiting Cut open the circuit for parallel connections Package each battery in a manner that prevents shorting with the container or with other batteries Package leaking batteries in a manner that contains the leak and use appropriate handling equipments such as gloves, safety glasses, respirator, sealable plastic bags.

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