



Manganese Dioxide Lithium Battery CR2032

1 · Scope

This specification is applicable to the “VINNIC” brand Coin Type Manganese Dioxide Lithium Battery CR2032 supplied by CHUNG PAK BATTERY WORKS LTD.

2 · Technology Parameters

2.1 Model No.: CR2032

2.2 Nominal Voltage: 3.0V

2.3 Dimension :

Height (H)	$3.2^{+0}_{-0.20}$ mm
Diameter (ϕ)	$20.0^{+0}_{-0.20}$ mm

2.4 Nominal weight: 2.9 g

2.5 Nominal capacity: 210 mAh (Continuously discharged under 15K Ω load till 2.0 V end voltage at temperature of $20 \pm 2^{\circ}\text{C}$.)

2.6 Standard discharge current: 0.2 mA

2.7 Typical discharge duration: 1000 hrs (Continuously discharged under 15K Ω load till 2.0 V end voltage at temperature of $20 \pm 2^{\circ}\text{C}$.)

2.8 Usable temperature rang: $0^{\circ}\text{C} \sim 60^{\circ}\text{C}$

2.9 Storage conditions:

Temperature range: $-20^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Relative humidity range: 45% ~ 85%

2.10 Outline shape dimensions and terminals:

