

Electrical characteristics

DATE SHEET-CP204440

Type CP204440

3.0V 500mAh

System lithium/ manganese dioxide

Nominal capacity (mAh) 500@1mA to 2.0V @23°C

Rated voltage (V) 3.0

Impedance at 1kHz (Ω) 5

Max. continuous current (mA) 150

Max. pulse current (mA) 300

Storage temperature -20 ~+40 °C

Operation temperature range 20°C~+60°C

Weight (g) 5.5

Specific energy 270Wh/Kg

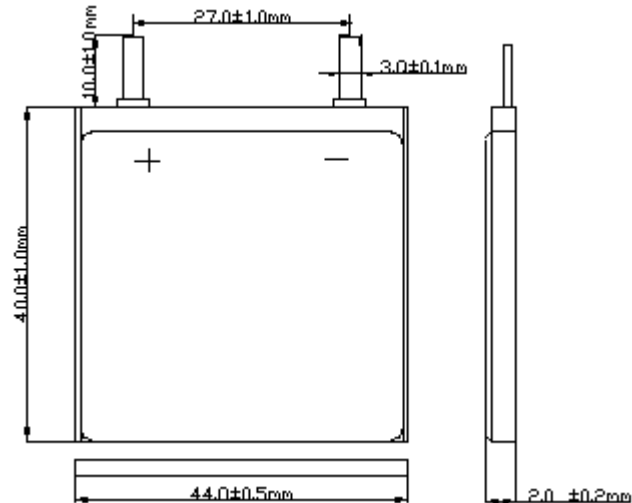
Energy density 420Wh/L

Anode tape/cathode tape Aluminum/Nickel

Self Discharge Rate Under 2% for years@30°C

Jacket Flexible Aluminum Foil Packaging

Max. dimensions (mm) 2.2×44.5×41



Key Features

- High Energy Density
- High single cell voltage
- Light weight
- Small Size
- High security
- Stable operating voltage
- Wide Operating temperature range
- Low Self-discharge rate
- Flexible on shape design
- Restricted for UL、UN38.3 and ROHS
- UL file: MH45782

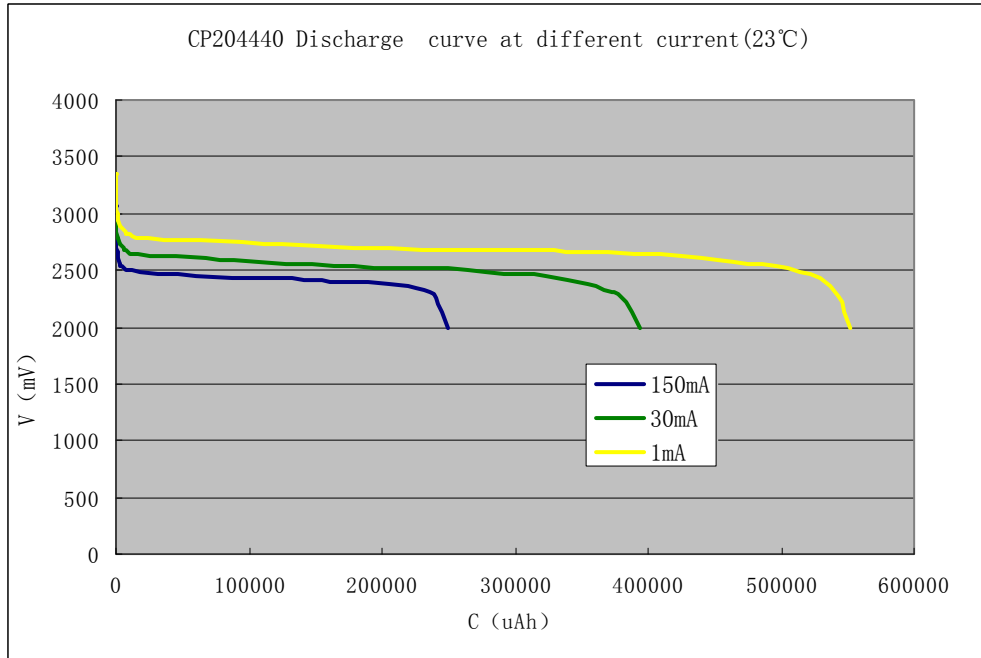


Discharge Curve

Constant Current

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Capacity VS Temperature

