Electrical characteristics

FANSO ®

CP352440 3.0V

Typical values relative to cells stored for one year

◎ Nominal capacity   700mAh

Discharged capacity at 1mA,+25℃，1.8V cut off.

◎ Nominal voltage   3.0V

◎ Max. recommended continuous current   200mA

Discharged to 1.8V at 25℃ permitting 50% of the Nominal capacity to be achieved

◎ Max. Pulse current   400mA

15 seconds at 25℃ drained with 50% of the nominal capacity, yield voltage reading above 1.8V.
The value may vary with the pulse characteristics, the temperature and the cell`s previous history

◎ Storage   Max 30℃

◎ Operating temperature range   −40~+60℃

◎ Weight   ≈5.5g

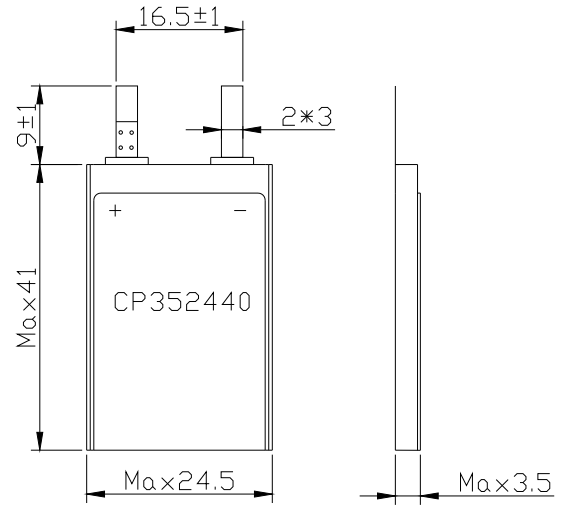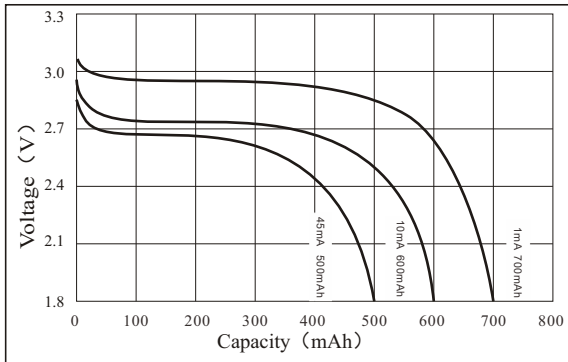### Key features

- High and stable operating voltage
- Long shelf life Annual self-discharge rate lower than 2% at +20℃
- Hermetic Sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport
- UL Component Recognition File Number MH46165

Main applications

- active tags
- Alarms or security equipment
- Smoke detector
- Memory backup
- Real time clock
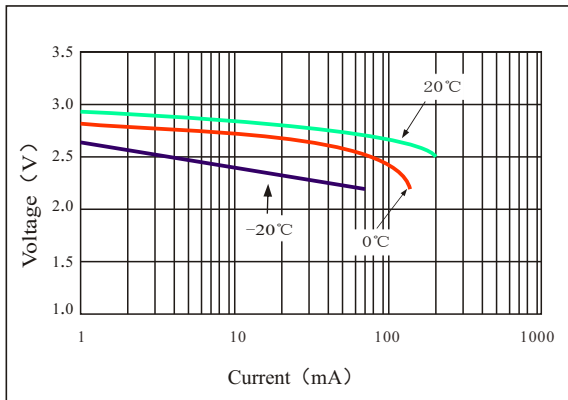- Professional electronic equipment
- Medical equipment
  ......

⚠ Warning

Don't charge crush,disassemble,expose contents to water,heat above 80℃,or may lead to explosion, burn or goods leakage.Discarded battery should be buried deeply to the ground.

CP352440   700mAh

Discharge charateristics at 25°C

Voltage (V) vs Capacity (mAh)
- 45mA 500mAh
- 10mA 600mAh
- 1mA 700mAh

16.5±1
9±1
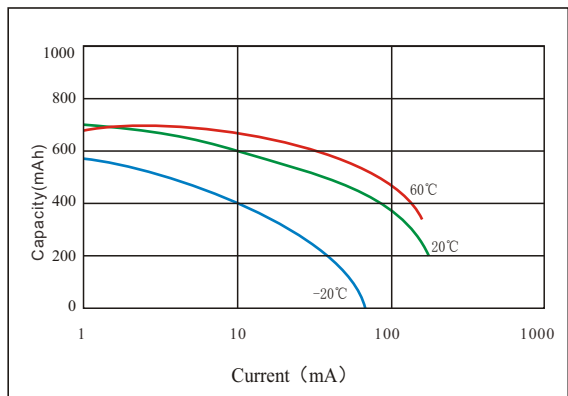2*3
Max41
Max24.5
CP352440
+ −
Max3.5

Dimensions in mm

Special terminal can be made according to customer's requirement

Voltage VS Current & Temperature Curve

Voltage (V) vs Current (mA)
- 20°C
- 0°C
- −20°C

Capacity VS Current & Temperature Curve

Capacity(mAh) vs Current (mA)
- 60°C
- 20°C
- −20°C

Storage characteristics

Current 1mA   Temperature 23±2°C
Voltage(V) vs Time (h)
- Fresh cells
- After 5 years at room temperature