



Ultra Pulse Capacitor UPC1530



Key Features

- Hermetically Sealed
- Low Leak Current
- Long Shelf Life
- High Reliability
- Safe Design
- Wide Operating Temperature

Main Applications

- Smart Metering
- RFID Devices
- Communication Equipments
- Security System

UPC References Data

Electrical characteristics(23±2°C)	
Capacity at 3.67V	250As
Cut-off Voltage	2.5V
Maximum Continuous Discharge Current	0.75A
Maximum Pulse Discharge Current(1s)	3.0A
Pulse Discharge Voltage (-25 °C 350mA @10s)	≥3.2V
Maximum Charge Voltage	3.95V
Maximum Charge Current	90mA
Internal Resistance(RT@1kHz)	≤140mΩ
Leakage Current@RT	1.8uA
Leakage Current@80°C	9uA
Operating temperature range	-40 °C ~+85 °C

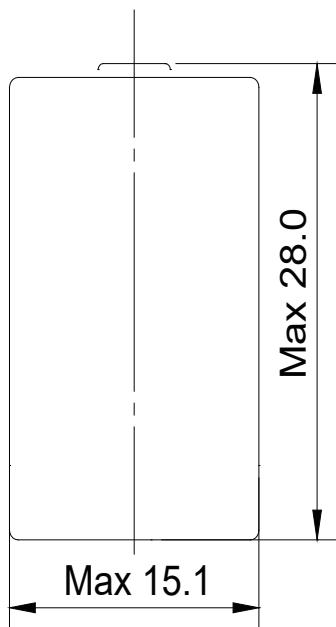
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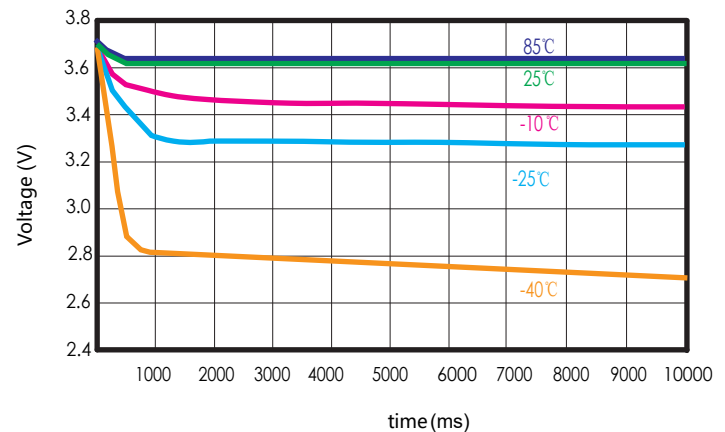
Physical characteristics

Diameter(max)	15.1mm
Height(max)	28.0mm
Typical weight	10.3g

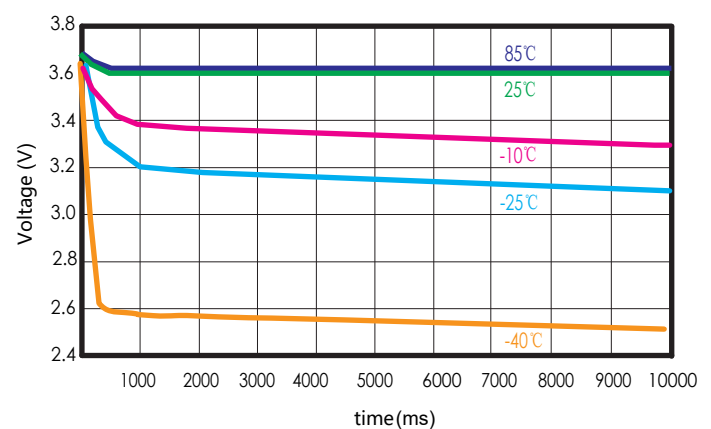


Dimensions in mm (GB1804-m)

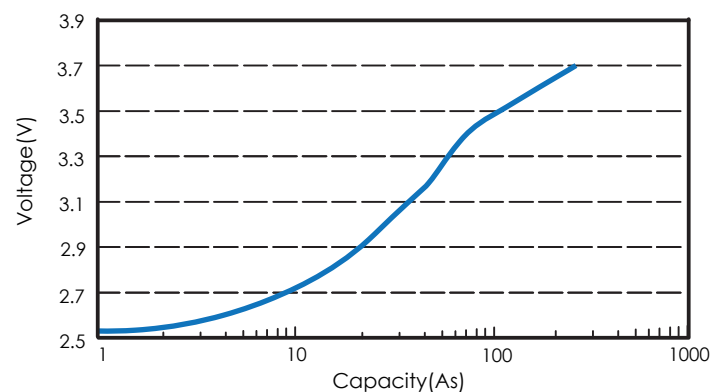
UPC1530 350mA Discharge Curve



UPC1530 600mA Discharge Curve



UPC1530 Capacity vs.OCV (90mA discharge at RT)



WARNING:

- Do Not Short Circuit
- Do Not Puncture
- Do Not Crush
- Do Not Dismantle
- Do Not Incinerate
- Do Not Heat Above 100°C

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