

# SBS-401520

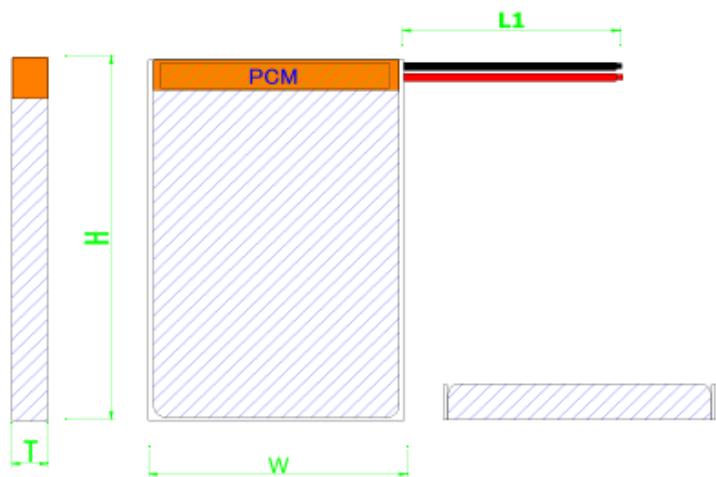
**100mAh**

The SBS 401520-100 is a 3.7V, 100mAh Li-Polymer rechargeable battery pack in a 1S1P configuration. It features a built-in protection circuit that safeguards the battery against deep-discharging, over-charging, and short circuits

## Electrical Characteristics:

|                                       |                               |
|---------------------------------------|-------------------------------|
| Rated Capacity                        | 100mAh                        |
| Nominal Voltage                       | 3.7 V                         |
| Max Continuous Charge Current         | 1A                            |
| Max Continuous Discharge Current      | 1A                            |
| Over-charge Protection Voltage        | 4.28 V                        |
| Over-discharge Protection Voltage     | 3V                            |
| Over-current Protection for Discharge | -                             |
| Short Circuit Protection              | YES                           |
| Discharge Temperature                 | -10 ~ 60°C                    |
| Charge Temperature                    | 0-20°C(0.2C)/20 to 45°C(0.5C) |
| Typical weight                        | 8gm                           |
| Connector                             | JST PHR-2                     |

## Drawing of battery pack:



## Dimensions of battery pack:

|           | Symbol | Size in mm |
|-----------|--------|------------|
| Thickness | T      | 4.2mm      |
| Width     | W      | 15.5mm     |
| Height    | H      | 23mm       |
| Wire      | A      | 80± 5 mm   |

## Typical Applications:

- Telematics
- Medical Devices
- Robots
- Wearable Devices
- IOT Devices