## Lithium ion Polymer (LP) Battery Individual Data Sheets

<u>LP-381730</u> have a combination of high energy density, super light and ultra thin. It's a perfect power source solution for low power consumption device (such as wireless headset, wireless mouse etc.).

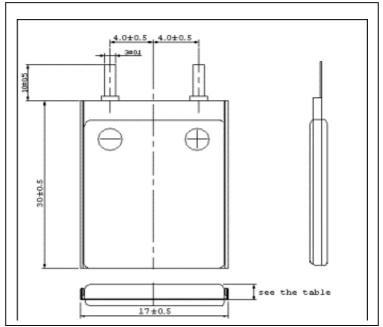
## **Specifications**

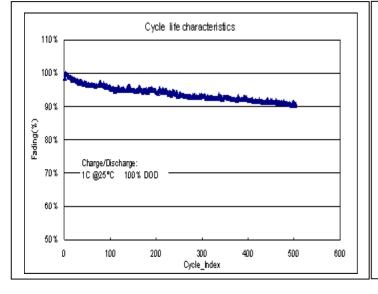
| Nominal voltage                                | 3.7V   | Cut-off volta          | ge                   | 3.0V                                |  |
|--|--|------------------------|----------------------|-------------------------------------|--|
| Standard charge meth                           | Charging the cell initially with constant current at 0.5C and then with constant voltage at 4.2V till charge current <0.1C |                        |                      |                                     |  |
| Max. charge current                            | 1C   | Max. discharge current |                      | 1C                                  |  |
| Standard charge                                | 0.5C×5hrs  | Rapid charge           |                      | 1C ×2.5hrs                          |  |
|  |  | ${\mathbb C}$          |                      | °F                                  |  |
| 0  | Charging   | 0℃ ~45℃                |                      | 32°F ~ 113°F                        |  |
| Operating temperatur                           | Discharging  | -20℃ ~60℃              |                      | -4°F ~ 140°F                        |  |
|  | Storage  | -20℃ ~45℃              |                      | -4°F ~ 113°F                        |  |
| Cycle Life ≥500 Cycles (@0.2C discharge, 23°C) |  | Self-discharge         | Residual<br>℃, 30 da | capacity $>90\%$ (@25°C $\pm 2$ ys) |  |

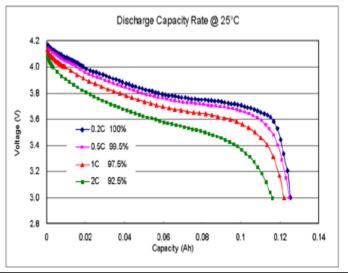
## Remark:

## **Cell Dimension**

|           | mm             | inch            |
|-----------|----------------|-----------------|
| Length    | $30.0 \pm 0.5$ | $1.18 \pm 0.02$ |
| Width     | $17.0 \pm 0.5$ | $0.67 \pm 0.02$ |
| Thickness | Max. 4.00      | Max. 0.16       |







 $<sup>^{*1}</sup>$  @ 0.2C discharge, 23°C

<sup>\*2</sup> Impedance is measured at AC 1KHz after Standard Charge.

<sup>\*3</sup> Cell weight is the approximate value for reference.