# Data sheet

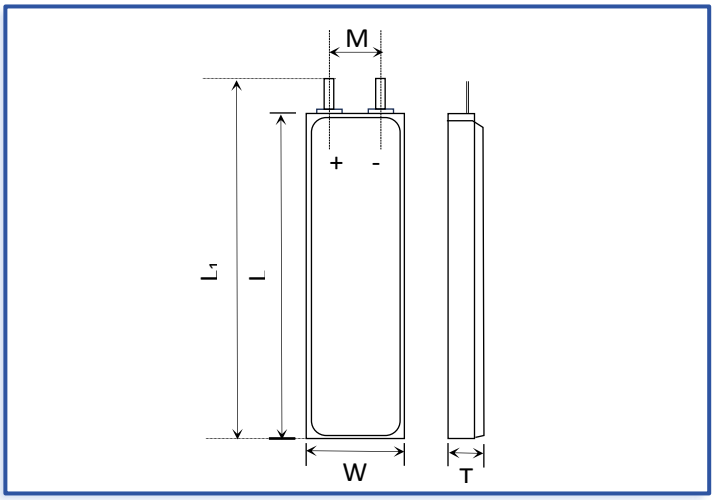
## LITHIUM POLYMER BATTERY

**1 YEAR WARRANTY**

PART NUMBER: LP323996

## ELECTRICAL CHARACTERISTICS

| | |
|---|---|
| RATED CAPACITY | 1810mAh |
| NOMINAL VOLTAGE | 3.7V |
| WATT-HOUR RATING | 6 Wh |
| MAX. OPERATING VOLTAGE RANGE | 2.75V -4.20V |
| PULSE DISCHARGE CURRENT | 3C(1mS) |
| MAX. CHARGE CURRENT | 0.5C |
| MAX. CONTINOUS DISCHARGE CURRENT | 1C |
| INTERNAL IMPEDANCE | <60m Ω |
| EXPECTED CYCLE LIFE(23±5℃) | 500(0.2C) |

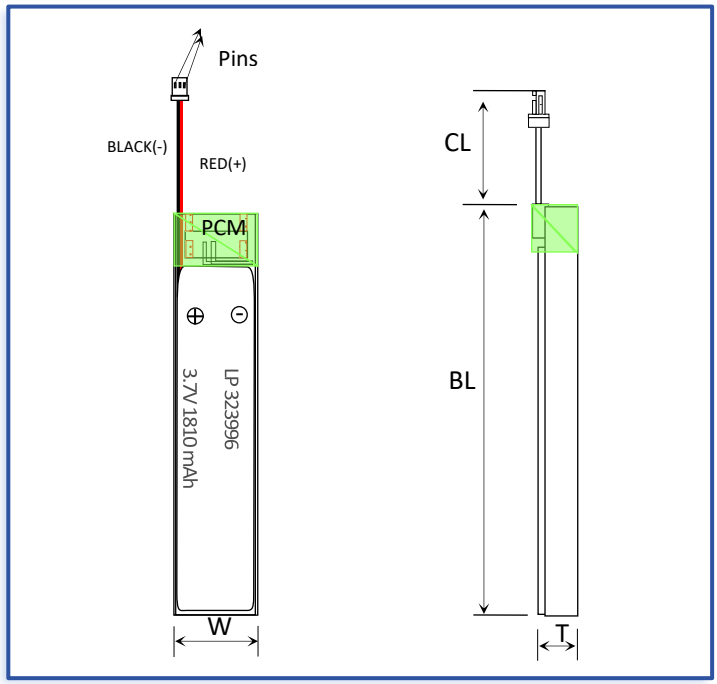



| Item | Parameter (mm) |
|---|---|
| T | 3 |
| W | 39 |
| M | 5 |
| L | 96 |
| $L_1$ | 98 |
| BL | 98±1 |
| CL | 100 |

## MECHANICAL CHARACTERISTICS

| | |
|---|---|
| DIMENSIONS | 98 x 39 x 3 mm |
| PCM | YES |
| TERMINALS | WC/FL* |
| WEIGHT | 30 g |

**WC=With Connector FL=Flying Leads*




## CELL PROTECTION

| | |
|---|---|
| OVER CHARGE DEFECTION | 4.275±50mV |
| OVER DISCHARGE DEFECTION | 2.5V±50mV |
| OVER CURRENT DEFECTION | 3A-5A |
| SHORT CIRCUIT DEFECTION | YES |

## AMBIENT CODITIONS

| | |
|---|---|
| CHARGE TEMP. RANGE | 0~+45℃ |
| DISCHARGE TEMP. RANGE | -20~+60℃ |
| STORAGE TEMP. RANGE | 0~+35℃(per year) |
| HUMIDITY | 65±20%RH |

*Specifications are subject to change without notice.

CONTACT

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