

**Model:** Power-Xtra PX502030 3.7V 250 mAh Li-Polymer Battery with PCM(1.5A)

**Stock Code:** 900.869.503.091

## TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.7±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.20±0.05V
Typ. Capacity	250 mAh	0.2C discharge
Standard Charge Current	125 mAh (0.5C)	Constant current 0.5C / end voltage 4.2V
Standard Discharging Current	50 mAh (0.2C)	Constant current 0.2C / end voltage 2.75V
Max. Discharge Current	250 mAh (1.5C)	1.0C
Temperature	Charge	0 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C less than 3 months: -20~40°C
Weight	5 gr	approximately
Cycles Test	<p>Higher than 70% of the Initial Capacities of the Cells</p> <p>Carry out 500cycle</p> <p>Charging/Discharging in the below condition.</p> <ul style="list-style-type: none"> <li>◆Charge: Standard Charge</li> <li>◆Discharge: 0.5C to 2.75 V</li> <li>◆Rest Time between charge /discharge: 30min.</li> <li>◆Temperature: 20±5°C</li> </ul>	

## PCM PARAMETER PER BATTERY PACK

Item	Content	Criterion
Current	Maximum Charge / Discharge	1.5A
Over charge Protection	Overcharge Det. Voltage	4.28±0.05V
	Overcharge Rel. Voltage	4.10±0.05V
Over charge Protection	Overdischarge Det. Voltage	2.40±0.10V
	Overdischarge Rel. Voltage	3.00±0.1V

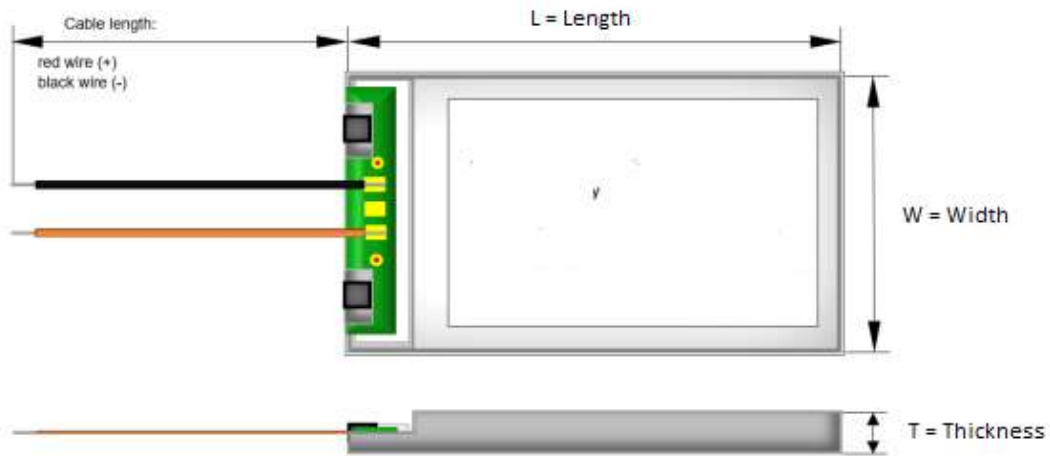
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## Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	$5.2 \pm 2$ mm
W	Cell Tab Width	$21.5 \pm 2$ mm
L	Cell Tab Length	$32 \pm 2$ mm
CL	Cable Length Length	$100 \pm 0.3$ mm
P	Connector Model	Do not have

## Technical Drawing



## Image

