

**Model:** Power-Xtra PX523040 3.7V 590 mAh Li-Polymer Battery with PCM (1.5A)

**Stock Code:** 900.869.503.040

## 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	590 mAh	0.2C discharge
Standard Discharging Current	118 mAh (0.2C)	Constant current 0.2C end voltage 2.75V
Max. Discharge Current	590 mAh (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	12 g	approximately
Cycles Test	Higher than 70% of the Initial Capacities of the Cells Carry out 500cycle Charging/Discharging in the below condition. ♦Charge: Standard Charge ♦Discharge: 0.5C to 2.75 V ♦Rest Time between charge /discharge: 30min. ♦Temperature: 20±5°C	

## 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

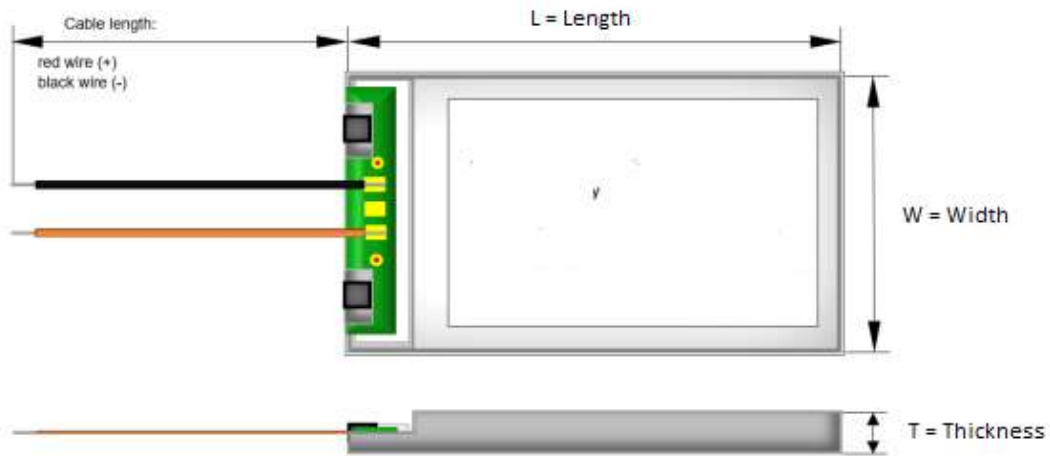
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## Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	5.4± 2 mm
W	Cell Tab Width	30± 2 mm
L	Cell Tab Length	42± 2 mm
CL	Cable Length Length	100± 0.3 mm
P	Connector Model	No Connector

## Technical Drawing



## Image

