

Model: Power-Xtra PX401423 3.7V 90 mAh Li-Polymer Battery with PCM (1.5A)

Stock Code: 900.869.503.075

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	90 mAh	0.2C discharge
Standard Charge Current	18 mAh (0.2C)	Constant current 0.2C / end voltage 4.2V
Standard Discharging Current	18 mAh (0.2C)	Constant current 0.2C / end voltage 2.75V
Max. Discharge Current	90 mAh (1.0C)	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	2 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"> ◆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

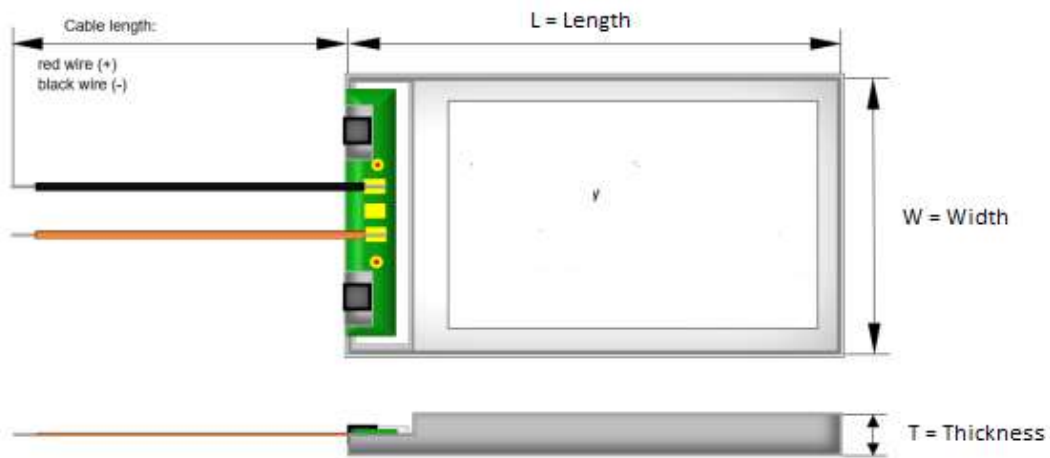
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Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	4.2± 2 mm
W	Cell Tab Width	14± 2 mm
L	Cell Tab Length	25± 2 mm
CL	Cable Length Length	100± 0.3 mm
P	Connector Model	Do not have

Technical Drawing



Image

