

Model: Power-Xtra PX803035 - 3.7V 800 mAh Li-Polymer Battery - BMS - Connector - 2cm

Stock Code: 900.869.503.213

TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	3.7±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.20±0.05V
Typ. Capacity	800 mAh	0.2C discharge
Standard Charge Current	160 mA	Constant current 0.2C / end voltage 2.75V
Standard Discharging Current	160 mA (0.2C)	Constant current 0.2C / end voltage 2.75V
Max. Discharge Current	800 mA (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	23 gr	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

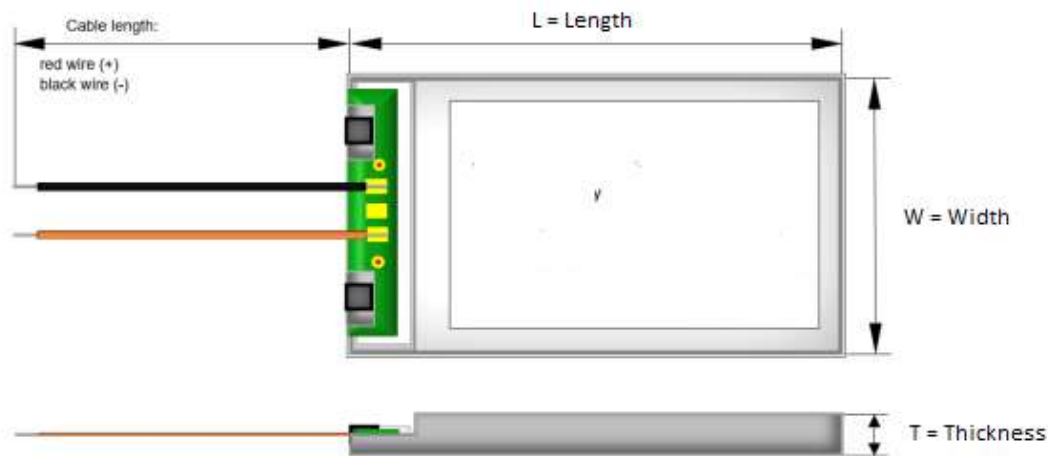
Item	Content	Criterion
Current	Maximum Charge / Discharge	1.5A
Over charge Protection	Overcharge Det. Voltage	4.30±0.05V
	Overcharge Rel. Voltage	4.10±0.05V
Over charge Protection	Overdischarge Det. Voltage	2.40±0.10V
	Overdischarge Rel. Voltage	3.10±0.1V

Model: Power-Xtra PX803035 - 3.7V 800 mAh Li-Polymer Battery - BMS - Connector - 2cm
Stock Code: 900.869.503.213

Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	8.2 ± 2 mm
W	Cell Tab Width	30.5 ± 2 mm
L	Cell Tab Length	35 ± 2 mm
CL	Cable Length	20 ± 0.5 mm
P	Connector Model	440129-2P -

Technical Drawing



Image

