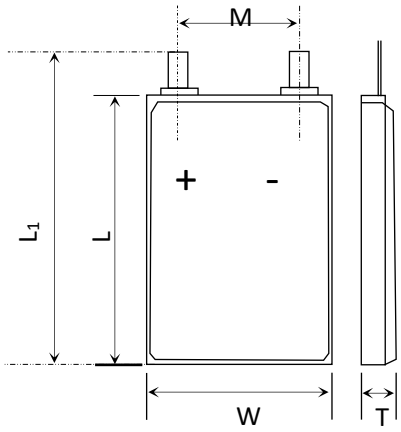
Data sheet

LITHIUM POLYMER BATTERY

1 YEAR WARRANTY

FEATURES OF LIPO BATTERY

- Low Self Discharge Rate
- Long Cycle Life
- Light Weight
- More Safety
- More Reliable



LIPO BATTERY SPECIFICATION

Part Number	LP 412028
Nominal Voltage	3.7V
Nominal Capacity	180 mAh
Internal Impedance	< 60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2C
Allowed Max Charge Current	0.5C
-Output Voltage Range	4.2-2.5V
Recommend Discharge Current	0.2C
Max Continuous Discharge Current	1C
Pulse Discharge Current	3C
Discharge Cut-off Voltage	2.5±0.05V
Cycle Life to 80% Health	500(0.2C,25℃)

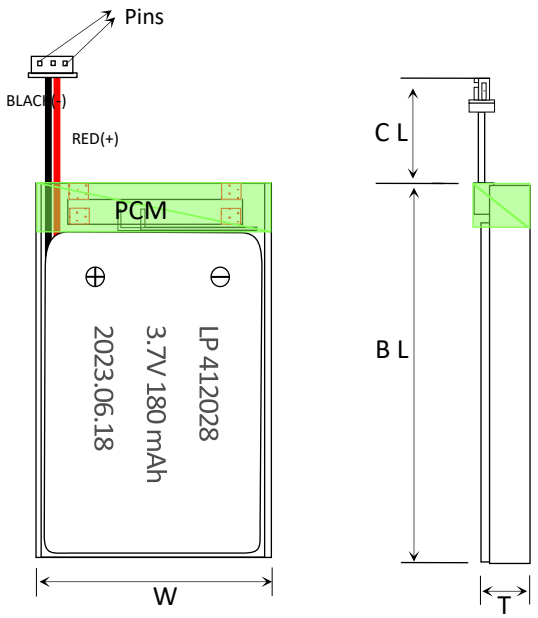
Item	Parameter (mm)
T	4.1
W	20
M	8
L	28
L_1	30
BL	30±1
CL	100

ENVIRONMENTAL SPECIFICATION

Charging Temperature Range	0-45℃
Discharging Temperature Range	-20-60℃
Storage Period 1 Week	-20-45℃
Storage Period 1 Month	-10-45℃
Storage Period 6 Months	0-35℃

BATTERY PROTECTION

Over Charge	4.275±50mV
Over Discharge	2.5±50mV
Over Current	3A to 5A
Short Circuit	Yes



MECHANICAL SPECIFICATION

Dimension	30×20×4.1 mm
Weight	≤5 g
Battery Terminals	WC/FL*

CERTIFICATION

Certification Approval	CE/UL/UN38.3/CUSTOMIZED

*WC=With Connector FL=Flying Leads