

30
double-sided
adhesive tape

40
adhesive tape kapton

20
PCM

10
LP801723

60
wire black (-)
AWG28 UL1571

50
wire red (+)
AWG28 UL1571

40
adhesive tape
kapton (2x)

8.0^{+0.3}
-0.3

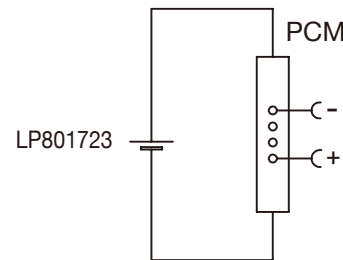
17^{+0.5}
-0.5

24^{+1.0}
-1.0

50^{+3.0}
-3.0

LiPo Battery 3.7V
LP801723 210mAh

Circuit Diagram



Specification

Lithium Polymer Battery Pack LP801723 3.7V 210mAh with Protection Circuit Module (PCM)
This data sheet describes the requirements and properties of lithium polymer rechargeable battery pack manufactured by LiPol Battery Co., Ltd - China

Mechanical Characteristics

Cell	▶ LP801723
PCM	▶ Yes
NTC	▶ No
Configuration	▶ 1S1P
Weight	▶ appr. 4.0g

Electrical Specification

Rated Capacity	▶ 210mAh min, 220mAh typ.
Nominal Voltage	▶ 3.7V
Wat-Hour Rating	▶ 0.78Wh
Max. Operating Voltage Range	▶ 2.75V to 4.20V
Max. Charge Voltage	▶ 4.2V ±50mV
Max. Charge Current	▶ 210mA
Standard Charge Current	▶ 105mA
Max. Continuous Discharge Current	▶ 210mA
Standard Discharge Current	▶ 105mA
Discharge Cut Off	▶ 2.75V
Internal Impedance	▶ <100mΩ
Expected Cycle Life @ (0.5C/0.5C) @ 23±5°C	▶ 500 cycles ≥ 80%

Cell Protection

Overcharge Detection	▶ 4.275 ±50mV (0.7 to 1.3sec. delay, release 4.275V ±50mV)
Overdischarge Detection	▶ 2.75V ±50mV (14 to 26msec. delay, resume 2.50V ±50mV)
Overcurrent Detection	▶ 2.0A to 2.5A (8 to 16msec. delay)

Ambient Conditions

Charge Temp. Range	▶ +10°C to +45°C
Discharge Temp. Range	▶ -20°C to +60°C
Storage Temp. Range	▶ 1 year at -20°C to +30°C >70%
	▶ 3 months at -20°C to +45°C >70%
	▶ 1 month at -20°C to +60°C >70%

Environmental and Safety

Please follow LiPol Handling and Safety Precautions for Lithium Polymer Battery.
This battery meets the requirements of Battery Directives, and the battery parts are IEC62133-2-2017 & RoHS-Compliant. For more safety precautions and performance standards, please go to www.lipolbattery.com/support.html

Mae in mm All dimensions in mm	Freimatoleranzen Generaltoleranzen	Date	Name	LiPol Battery	Index
Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten	up to 6 · 0,1 over 6 up to 30 · 0,2	Erst. / Orig 25.12.2023	Xie Qingfang		
Proprietary data, company confidential, all rights reserved.	over 30 up to 100 · 0,3 over 100 · 0,5	Gepr./check 25.12.2023	Guo Daxia	Zchnng. / Dwg. Nr. 3 FD_2520_10	support@lipolbattery.com www.LiPolBattery.com
		Benennung/ Designation LP801723	Origin:		