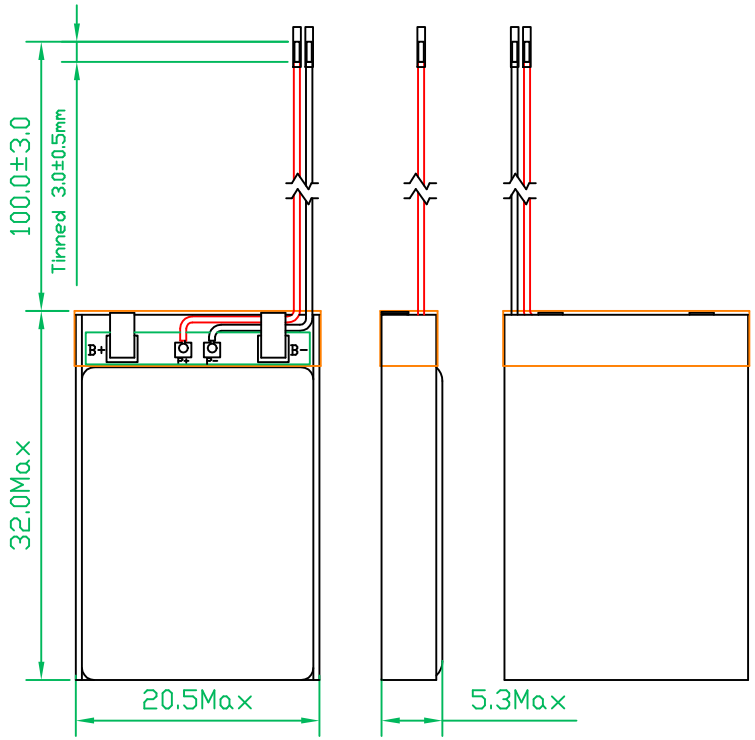
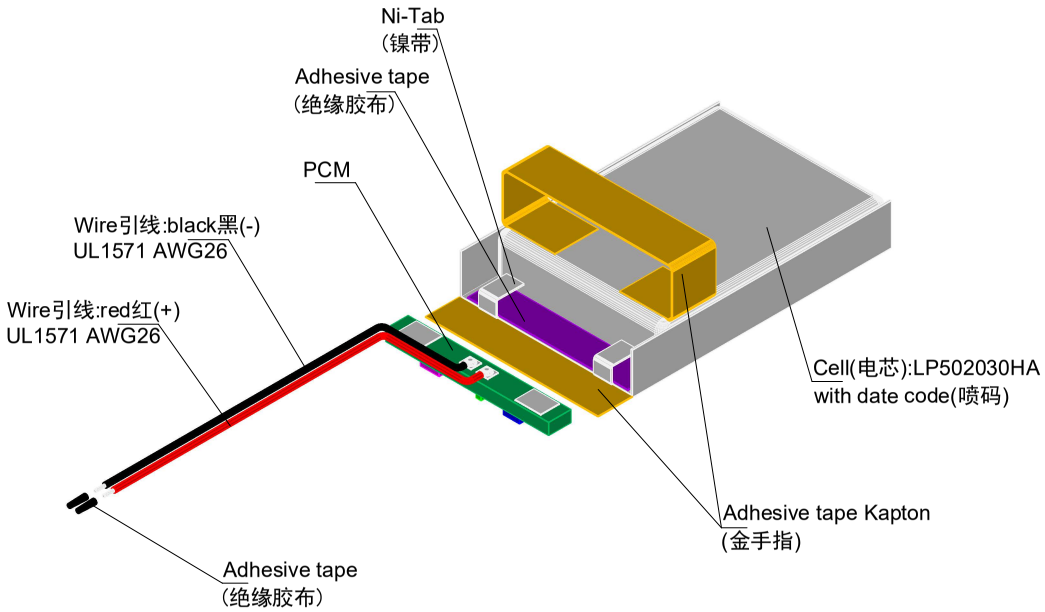
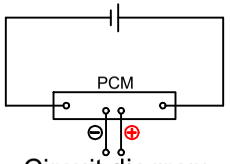
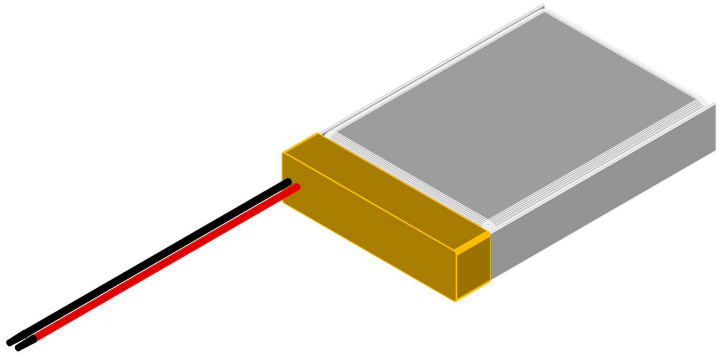






Circuit diagram



Model:	LP502030HA		Battery protection Related Value: (相关的电池保护值)	Overcharge Detection Voltage(V) 过充保护电压(V)	4.28±0.05
Battery pack specification 电池组规格	Min.Capacity 最低容量(mAh) (0.2C,25±3°C) ※Single cell capacity (单体电芯容量)	220		Overdischarge Detection Voltage(V) 过放保护电压(V)	3.0±0.1
	Typical Capacity 典型容量(mAh) (0.2C,25±3°C) ※Single cell capacity (单体电芯容量)	230		Recommended Max loading /charging current 建议最大负载/充电 peak value (loading)(A) 峰值(负载) 2 (A) constant(loading) (A) 持续(负载) 1 (A) constant (charging) current(A) 持续(充电) 0.2 (A)	
	Nominal Voltage 标称电压(V)	3.7			
	Internal impedance 内阻(≦) (mΩ,AC 1KHZ)	300			
Ambient Conditions 环境温度	Charge Temp.充电温度(°C)	0~45		Customer required Max loading /charging current 客户要求最大的负载/充电电流 peak value (loading)(A) 峰值(负载) _____ (A) constant(loading) (A) 持续(负载) _____ (A) constant (charging) current(A) 持续(充电) _____ (A)	
	Discharge Temp.放电温度(°C)	-20~60			
	Humidity(湿度)	65±20%			

Remark(备注):
1. No scratch,distoration,discoloration and leakage on the appearance of the cell (电池表面无划痕、变形、污点及漏液等现象).
2. Rohs compliant(严格按照R0HS要求生产).

If actual application loading current is bigger than EEMB suggested, please indicate.The application profile is important for an appropriate PCM design.
(如果实际应用的负载电流大于EEMB提供值, 请提出来. 实际的应用情况对PCM的设计至关重要)

EEMB BATTERY		Drawn:	ZS	Revise No.:	E4-2009
		Group:	Group46	Projection:	
		Approved1:		Page:	1/1
Title	LP502030HA-PCM-LD	Approved2:		Scale:	1.6 :1
File NO.	A25357	Draw Date:	2025/09/11	Unit:	mm