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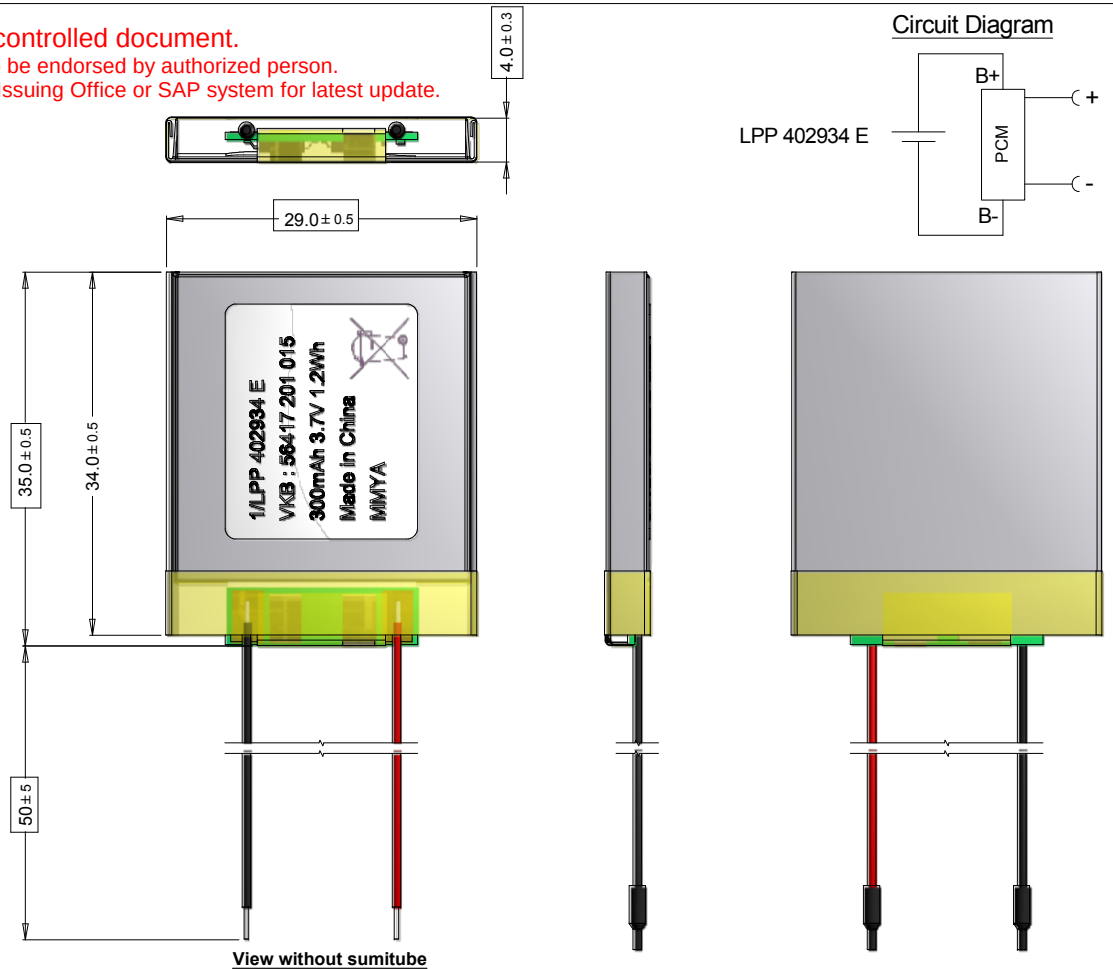
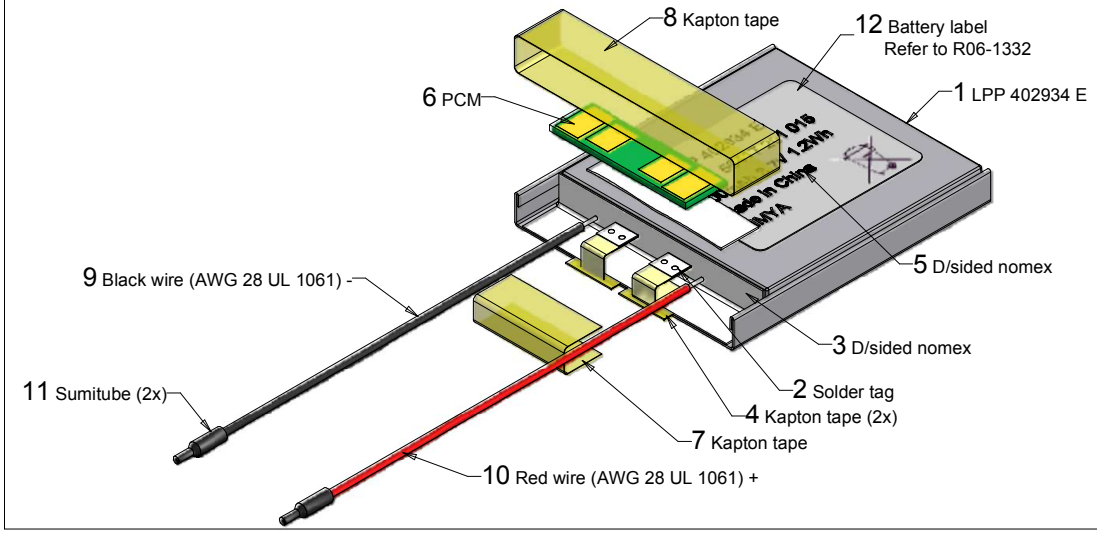


View without sumitube

Circuit Diagram



Specification

1. General:
Battery with safety circuit and wires
Cell: LPP 402934 E
PCM: RP0QK301
NTC: None
ID:None
Configuration: 1S
Weight: appr. 9g

2. Electrical Specification:
Rated Capacity: 300mAh min, 310mAh typical
Nominal Voltage: 3.7V
Watt-hour rating : 1.2Wh
Charging Method: Constant Current + Constant Voltage
Max. Charge Voltage [V]: 4.2 (±50mV)
Max. Continuous Charge Current: 300mA (limited by cell data sheet)
Recommeded Charge cut off: 6mAh or timer 3h
Max. Continuous Discharge Current: 600mA (limited by cell data sheet)
Recommended Discharge cut off: 3V
Internal Impedance: approx.270mΩ
Exp. Cycle Life:>300 cycles> 80% of initial cap. (0.5C/0.5C)

Cell protection
Overcharge Detection: 4.35V ± 0.025V
(0.4 to 2sec.delay,resume 4.1V ± 0.05V)
Overdischarge Detection: 2.3V ± 0.08V
(40 to 200msec.delay,resume 2.8V ± 0.1V)
Overcurrent Detection: 1.5A to 2.5A (4 to 20msec. delay)

3. Ambient Conditions
Temperature Range
-Charge: 0 to +45°C
-Discharge: -20 to +60°C
-Storage: 3 months at -20 to 45°C
> 3 months at -20 to 25°C

-Humidity: 65 ± 20%RH

4. Environmental and Safety
Please follow VARTA Handling and Safety
Precautions for Li-Ion & LiPolymer
The cell is approved according UL 1642.
This battery meets the requirement of Battery Directives,
and the battery parts are RoHS Compliant.

☐ These dimensions are considered inspectable

No	AO No	Revisions		Date	Name
0	L049/08	Refer to provisional drawing P26-10096 rev 000	1	2008-09-03	Erwin

Projection:	Material: Refer to part list #700738	Description: 1/LPP 402934 E PCM W with PCM and wires	
Dimensions in mm	Prepared & Checked: 2008-06-30 Erwin	Verified & Approved	Dwg. No: 700738 — 4 0 0
Tolerance: As specified			VKB Order No: 56417 201 015
Scale: 2 : 1			

VARTA