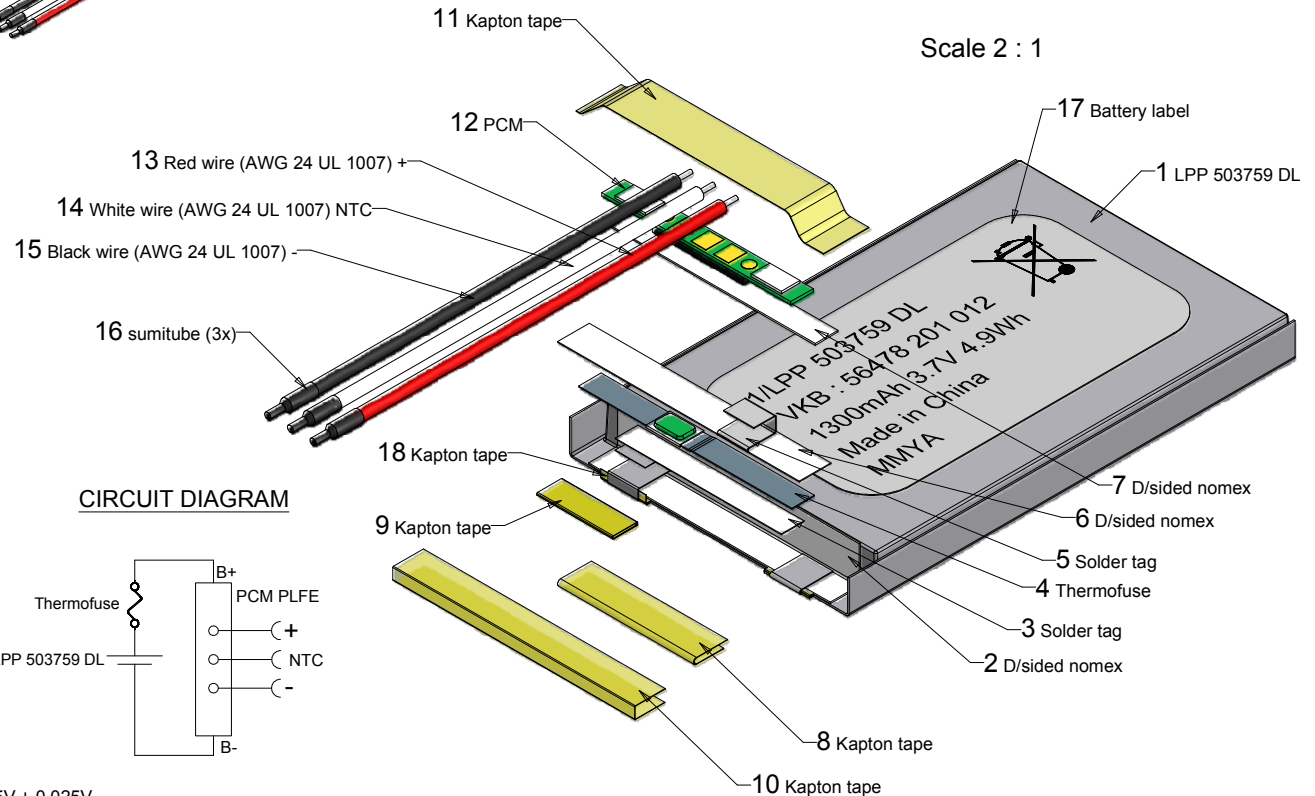
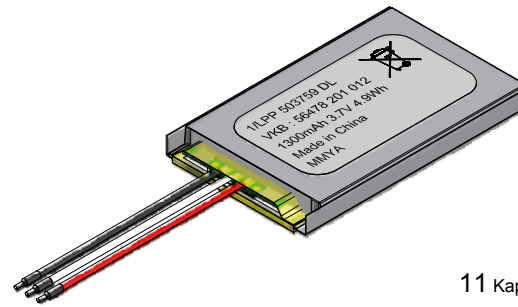
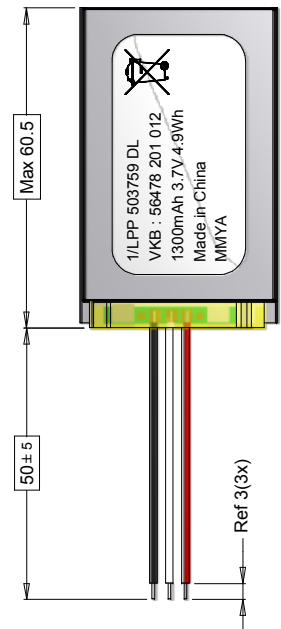
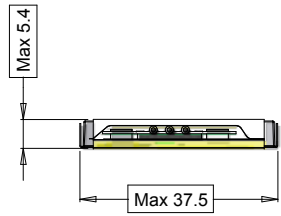
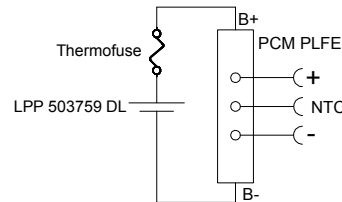


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CIRCUIT DIAGRAM



Specification

1. General:
 Battery Pack in shrink sleeve incl. safety circuit & wires
 Cell: LPP 503759 DL
 PCM: PLFE
 NTC: 10kΩ ±1%; Bvalue 3380
 ID: None
 Configuration: 1S
 Weight: appr. 24g

2. Electrical Specification:
 Rated Capacity: 1240mAh min, 1300mAh typical
 Nominal Voltage: 3.7V
 Watt-hour rating : 4.9Wh
 Charging Method: Constant Current + Constant Voltage
 Max. Charge Voltage [V]: 4.2 (±50mV)
 Max. Continuous Charge Current: 1240mA
 Rec. Charge cut off: 24.8mA or timer 3h
 Max. Continuous Discharge Current: 2000mA (limited by PCM)
 Rec. Discharge cut off: 3V
 Internal Impedance: approx. 140mΩ
 Exp. Cycle Life: >500 cycles > 70% of initial cap. (0.5C/0.5C)

Cell protection
 Overcharge Detection: 4.275V ± 0.025V
 (0.7 to 1.3sec. delay, resume 4.275V ± 0.025V)
 Overdischarge Detection: 2.3V ± 0.058V
 (14 to 26msec. delay, resume 2.3V ± 0.058)
 Overcurrent Detection: 2A to 4A (8 to 16msec. delay)

3. Ambient Conditions
 Temperature Range
 -Charge: 0 to +45°C
 -Discharge: -20 to +60°C
 -Storage : 1 year at -20 to 35°C
 3 months at -20 to 45°C
 1 month at -20 to 60°C
 -Humidity: 65 ± 20%RH

4. Environmental and Safety
 Please follow VARTA Handling and Safety
 Precautions for Lilon & LiPolymer
 The cell is approved according UL 1642 (approval pending)
 This battery meets the requirements of Battery Directives,
 and the battery parts are RoHS-Compliant.

These dimensions are considered inspectable

0	L071/08	Refer to preliminary drawing P26-10091 rev 001	2008-11-27	Erwin	
No	AO No	Revisions	1	Date	Name
Customer:		Material: Refer to part list #700743		Description: 1/ LPP 503759 DL PCM W with PCM and wires	
Projection:				Dwg. No: 700743	
Dimensions in mm		Prepared & Checked	Verified & Approved	Dwg. No: 700743	
Tolerance: ISO 2768-m		2008-06-16	Erwin	VKB Order No: 56478 201 012	
Scale: 1:1 in A3				4 0 0	

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