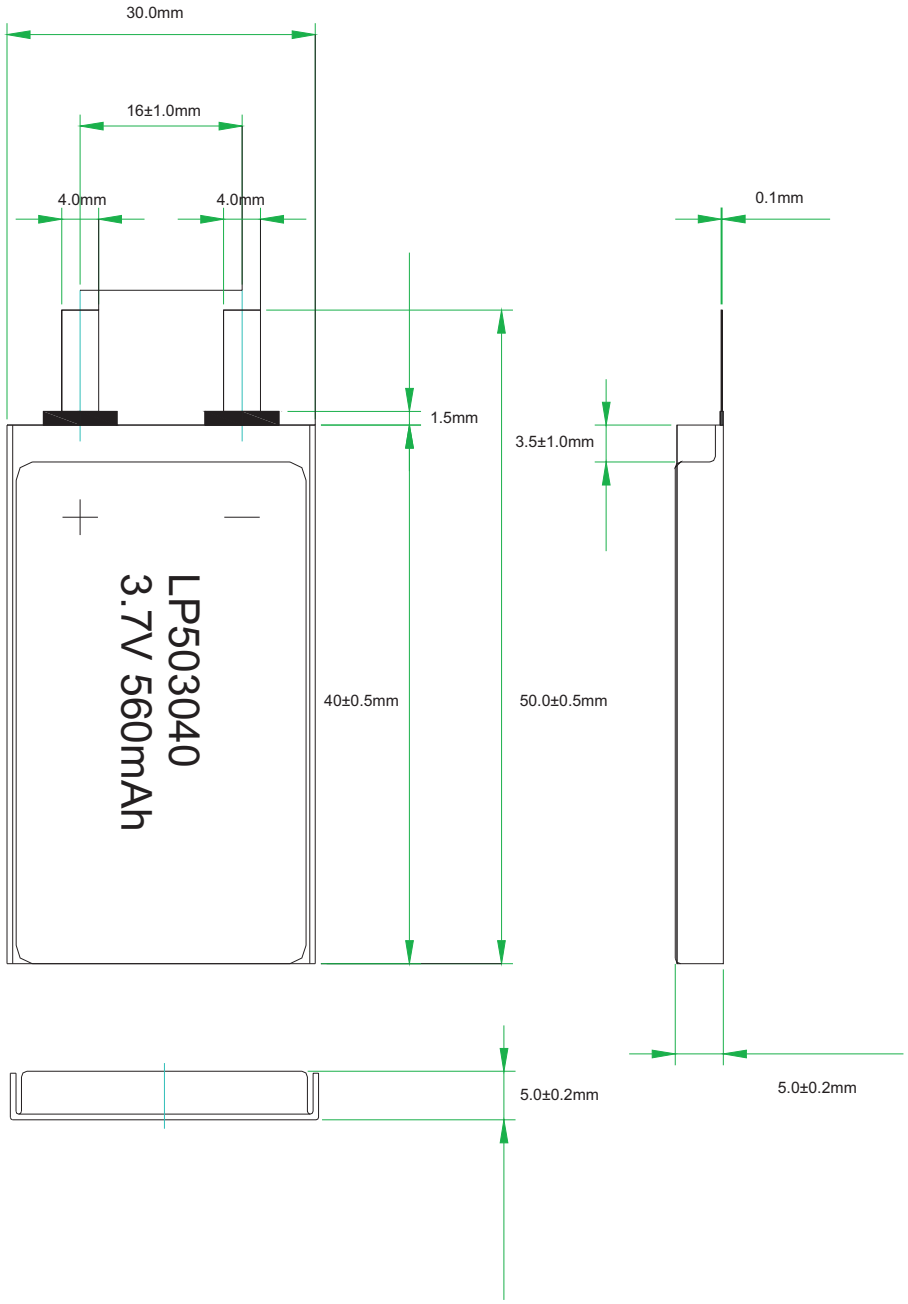

Specification

Lithium Polymer Cell LP503040 560mAh 3.7V

This data sheet describes the requirements and properties of lithium polymer cell manufactured by AKYGA

Mechanical Characteristics

Lithium Polymer Cell LP503040

Length: 40 ± 0.4mm

Width: 30 ± 0.4mm

Thickness: 5.0 ± 0.2mm

Weight: 11.0g

Electrical Specification

Typical Capacity: 580mAh

Minimum Capacity: 560mAh

Nominal Voltage: 3.7V

Charge Voltage: 4.2V±50mV

Standard Charge: 280mA

Rapid Charge: 560mA

Max Continuous Discharge: 560mA

Internal Impedance: approx 56mOhm

Ambient conditions

Temperature range

Charge: 0 to +45°C

Discharge: -20 to +60°C

Charge retention/Storage: 1 year at -20 to 20°C > 80%
3 month at -20 to 45°C > 80%
1 month at -20 to 60°C > 80%

Safety

Please follow handing and Safety Precautions Poliflex.

Index	Alteration	Date	Name
Projection:	Diese Mae werden besonders gepruft This dimensions are considered inspectable	Material: 6645455 4342	
Mae in mm All dimensions in mm	Freimatoleranzen Generaltolerances: up to 6 ± 0,1; over 6 up to 30 ± 0,2; over 30 up to 100 ± 0,3; over 100 ± 0,5	Erst. /Orig. 24. 05. 2013 Xie Qingfang; Bearb. /Desig.; Gepr. /Check. 24. 05. 2013 Guo Daxia	akyga®
Als Betriebsgeheimnis anvertraut, alle Rechte vorbehalten. Proprietary data, company confidential, all rights reserved.		Benennung/ Designation: LP503040	Zchng. / Dwg. Nr.: 3 FD_5685_21; Index
		Origin:	