

LP553454 *Brief Datasheet*

Lithium ion Polymer Battery

1 BASIC SPECIFICATION

1	Battery Type	LP553454
2	Nominal Capacity	Typical 1050mAh (0.2C discharge)
		Minimum 1000mAh (0.2C discharge)
3	Nominal Voltage	3.7V(0.2C discharge)
4	Charging Voltage	4.2V± 0.05V
5	Standard Charge	Method: CC/CV (constant current/constant voltage) Current:500mA (0.5C) Voltage:4.2V End Current:20mA(0.02C)
6	Maximum Charge Current	1000mA (1C)
7	Standard Discharge	Method: CC (constant current) Current: 200mA (0.2C) End Voltage:2.75V
8	Maximum Discharge Current	2000mA (2C)
9	Weight	Approx. 19.5± 2.0g
10	Operating temperature	Charge:0°C to 45°C Discharge:-20°C to 60°C
11	Storage Temperature	-20°C to 45°C
12	Cycle life	500cycles (at 0.5C charge and discharge, 23°C)

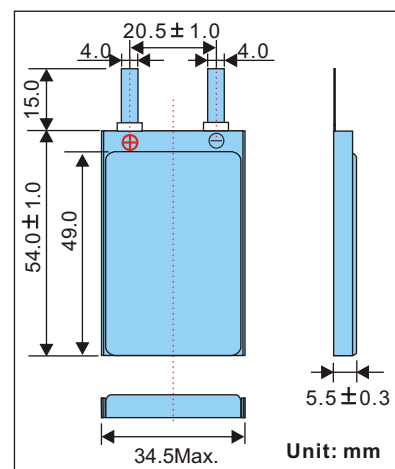
Note: 1C = 1 x Capacity mA

2 MAIN FEATURES

- Thin format, light weigh, large area, and flexibility in design.
- Easily customized, Energy density, High capacity.

3 WARNING

- Do not overcharge, force charge, short circuit, disassemble, deform, heat or place the battery near a direct flame. Any of the above actions could cause it to ignite, explode or become damaged.
- Keep this battery out of the reach of children.
- When storing the battery or throwing it away, be sure to cover with tape.



Li-ion Polymer

Note: Any representations in this brochure concerning performance, are for informational purposes only and are not construed as warranties either expressed or implied, of future performance.