

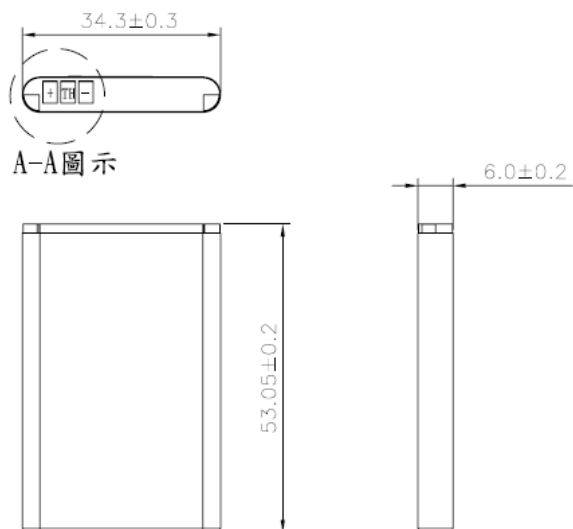


<Application>

- Mobile Phone/Smart Phone/PDA Phone
- GPS/PND systems
- MP3/MP4 Portable systems

<General Feature>

- High quality and reliability
- Protection functions provide:
 - Over charge & discharge voltage
 - Over current detection
 - Short circuit protection
- 1 year warranty



○ Product Configuration

Model Name	BL-5C Li-Ion Battery Pack	
Structure	Battery Pack	Single Cell, Sanyo 1150mAh (UF553450Z)
	BMU Solution	Protection Circuit
Pin Definition	PIN1: P+	PIN2: TH (10Kohm +/-5%) PIN3: P-

○ Product Specification

NO	Item	Performance	Remark
1	Nominal capacity	1150mAh	0.2C discharge, base on cell's spec.
2	Nominal Voltage	3.7V	
3	Voltage at end of discharge	2.75V	Stops discharge when cell reaches 2.75V
4	Voltage of Max charge	4.2V	
7	Standard continue charge current	575mA	Base on cell's spec
8	Standard continue discharge current	230mA	
9	Operating temperature range	Standard Charge 0 ~ 40°C Standard Discharge -20~60°C	Humidity: Max 85% RH
10	Storage temperature range	1 month -20 ~ 60°C 3 months -20 ~ 40°C 1 year -20 ~ 20°C	Base on cell's spec

○ Protection Function (Include release Function)

No	Item	Standard	Remark
1.	Over charge voltage protection	Detect: $\geq 4.280 \pm 0.025V/\text{cell}$	OVP: Over charge Voltage
		Release: $< \text{OVP}$	
		Delay Time: 1.1s	
2	Over discharge voltage protection	Detect: $\leq 2.30 \pm 0.05V/\text{cell}$	UVP: Over discharge Voltage
		Release: $> \text{UVP}$	
		Delay Time: 14~26ms	
3	Over discharge current protection	Detect: 2.12A ~3.18A active range	
		Release: Load release or has a charge current	
		Delay Time: 0.7~1.7ms	