

**1. Nominal Specifications**

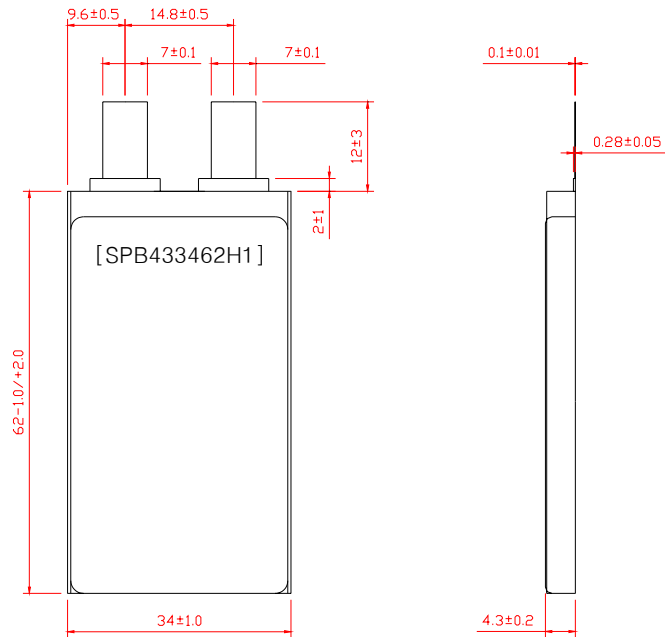
	Item	Specification
1	Battery Type	Rechargeable Li-ion Polymer Battery
2	Model	SPB433462H1
3	Nominal Capacity	910mAh (0.2C Discharge)
4	Nominal Voltage	3.7V
5	Energy Density	Volume 371 Wh/L
		Weight 187 Wh/kg
7	Charging Mode	CC-CV (constant voltage with limited current)
8	Charging Current	Standard : 455mA (0.5C) Rapid : 910mA (1.0C)
9	Charging Voltage	4.2V
10	Max. Charge Current	910 mA
11	Discharge Current (Usage)	<b>10.92 A (12C)</b>
12	Cell Dimension (mm)	Thickness : $4.3 \pm 0.2$ mm . (fully charged cell) Width : $34 \pm 1.0$ mm Height : $62 + 2.0, -1.0$ mm
13	Cell Weight	$18.0 \pm 1.0$ or less
14	AC Impedance (at 1kHz)	30m $\Omega$ or less
15	Operating Temperature	Charge : 0 to 45 $^{\circ}$ C Discharge: -20 to 60 $^{\circ}$ C
13	Storage Temperature	-10 ~ 40 $^{\circ}$ C (Within 6 months)
14	Overcharge Test	NE, NF (1A, 5V)
15	External Short-circuit Test	NE, NF (4.2V, 50m $\Omega$ )
16	Heating Test	NE, NF (150 $^{\circ}$ C, 10min)
17	Crush	NE, NF (13kN force)

**2. Out View drawing for SPB433462H1**

No.	Description of Change	Remark
△		
△		
△		

1. Spec.

Nominal Capacity	910mAh	
Nominal Voltage	3.7V	
Weight	less than 18.0±1.0g	
Energy	Volume	371Wh/l
Density	Weight	187Wh/kg
AC Impedance(1kHz)	less than 30mΩ	



Dwg. Name	SPB433462H1 Cell	Dwg. Date	2005.05.25
Dwg. No.	1-433462H1-0001	Rev. Date	2005.04.25
Rev. No.	○	Scale	1 : 1
Item	Drawing	Check	Approval
Sign.			