

**1. Nominal Specifications**

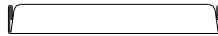
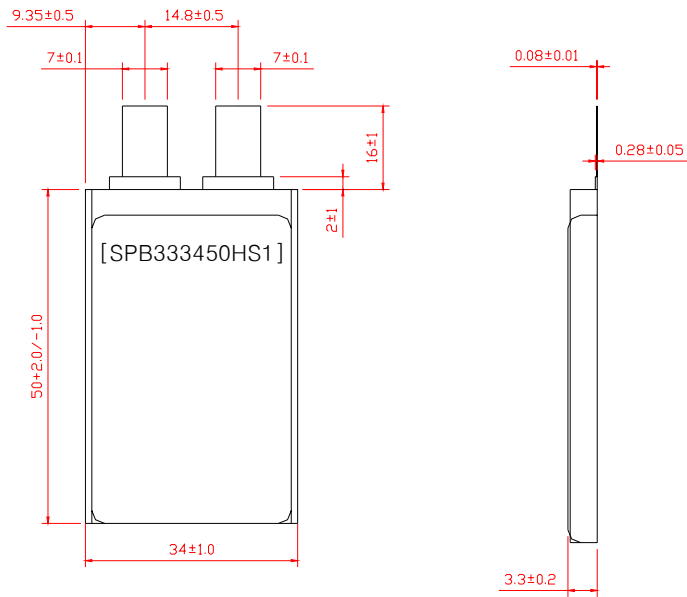
	Item	Specification
1	Battery Type	Rechargeable Li-ion Polymer Battery
2	Model	SPB333450HS1
3	Nominal Capacity	350mAh (0.2C Discharge)
4	Nominal Voltage	3.7V
5	Energy Density	Volume 230 Wh/L
		Weight 123 Wh/kg
7	Charging Mode	CC-CV (constant voltage with limited current)
8	Charging Current	Standard : 175mA (0.5C) Rapid : 350mA (1.0C)
9	Charging Voltage	4.2V
10	Max. Charge Current	350 mA
11	Discharge Current (Usage)	<b>9.10 A (26C)</b>
12	Cell Dimension (mm)	Thickness : $3.3 \pm 0.2$ mm . (fully charged cell) Width : $34 \pm 1.0$ mm Height : $50 + 2.0, -1.0$ mm
13	Cell Weight	10.5 or less
14	AC Impedance (at 1kHz)	40m $\Omega$ 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, 100m $\Omega$ )
16	Heating Test	NE, NF (150 $^{\circ}$ C, 10min)
17	Crush	NE, NF (13kN force)

**2. Out View drawing for SPB333450HS1**

1. Spec.

Nominal Capacity	350mAh	
Nominal Voltage	3.7V	
Weight	less than 10.5g	
Energy	Volume	230Wh/l
Density	Weight	123Wh/kg
AC Impedance(1kHz)	less than 40mΩ	

No.	Description of Change	Remark
△		
△		
△		



Dwg. Name	SPB333450HS1 Cell	Dwg. Date	2005.05.19
Dwg. No.	1-333450HS1-0001	Rev. Date	2005.05.19
Rev. No.		Scale	1 : 1
		Unit	mm
Item	Drawing	Check	Approval
Sign.			