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| | Document Name | | Rev. | 1.0 |
| | Model No. | NCR18500-21NP | | |

1. Scope

This specification shall be applied to Sonata Lithium Ion battery pack (2 series 1 parallel)

* Recharge battery after long time storage before use.

2. Composition

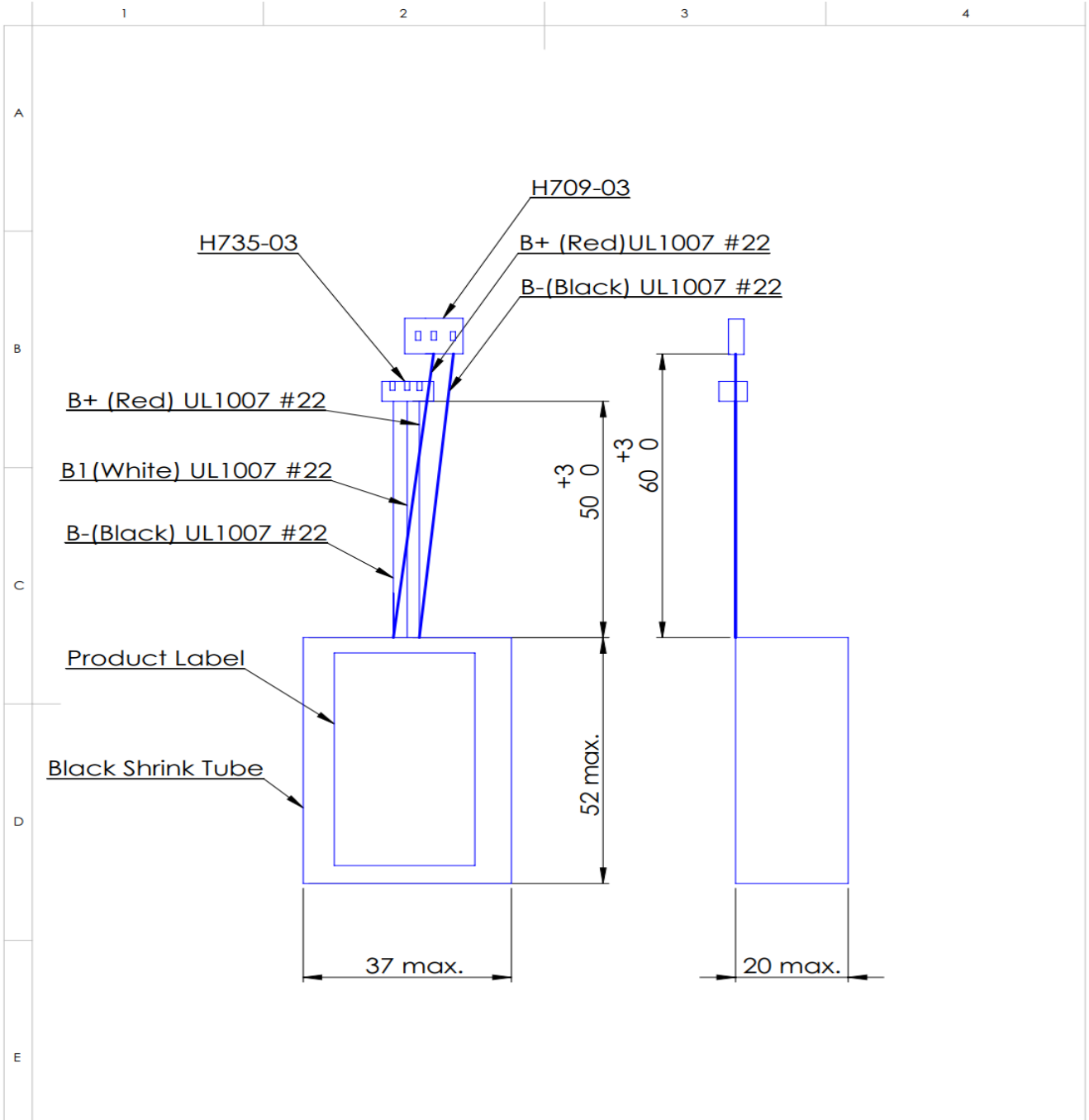
The Single cell consists of 2000 mAh capacity also Battery Pack 2000 mAh combines with protection circuit and thermal protection.

3. Product specification

| No | Item | Rating performance | Remark |
|----|---|--------------------|---|
| 1 | Typical Capacity | 2000 mAh | 0.2C discharging to 5.5V |
| 2 | Nominal voltage | 7.4V | |
| 3 | Maximum charge voltage | 8.4V | |
| 4 | The end of discharging voltage | 5.5V | |
| 5 | Suggestive charging current(standard) | 400mA / 0.2C | 0°C to 40°C |
| 6 | Suggestive charging current(Max) | 2000mA / 1C | 0°C to 40°C |
| 7 | Suggestive continuous discharging current | 400mA / 0.2C | -20°C to 60°C |
| 8 | Suggestive continuous discharging current (Max) | 2000mA / 1C | 0°C to 60°C |
| 9 | Internal resistance | mΩ | Measured by the alternate current method (1Khz) |
| 10 | Outer Dimension(mm)(L*W*T) | 52*37*20mm(Max) | |
| 11 | Weight | | g |
| 12 | Ambient Temperature | Charge | 0°C~+45°C |
| | | Discharge | -20°C~ +60°C |
| | | Storage | -20°C ~ +50°C , |

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14. Outer Dimension



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|--|--|---------|--|----------------------|--|---------|--|-----|--|
| 除非另有指定: 否則尺寸是以毫米為單位 表面加工: 公差: 線性: 角度: | | 加工處理: | | 去除毛邊 與銳角 | | 不要縮放工程圖 | | 修訂版 | |
| 姓名: Simon | | 簽名: | | 日期: 3/30/2016 | | 標題: | | | |
| 繪製者: | | 檢查者: | | 核准者: | | 製程: | | | |
| 品管: | | 材料: | | 工程圖編號: NCR18500-21NP | | A4 | | | |
| 重量: | | 比例: 1:1 | | 圖頁 1 OF 1 | | | | | |