

**1 YEAR WARRANTY**

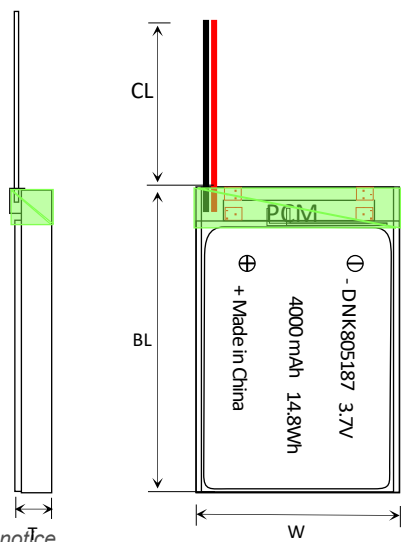
**DNK**

3.7V DNK805187 4000mAh LiPo Battery Pack with PCM. This datasheet describes the properties which is manufactured by DNK POWER Co. Ltd.- China.

**Battery Dimension Pictures**



| Item           | Parameter (mm) |
|----------------|----------------|
| T              | 8.0            |
| W              | 51             |
| M              | 10             |
| L              | 87             |
| L <sub>1</sub> | 89             |
| BL             | 89 ± 1         |
| CL             | 100            |



**Electrical Data**

|                                  |                 |
|----------------------------------|-----------------|
| Part Number                      | LP 805187       |
| Nominal Voltage                  | 3.7V            |
| Nominal Capacity                 | 4000 mAh        |
| Internal Impedance               | <60mΩ           |
| Charge Voltage                   | 4.2V            |
| Recommended Charge Current       | 0.2C            |
| Allowed Max Charge Current       | 0.5C            |
| Output Voltage Range             | 4.2 - 2.5V      |
| Recommend Discharge Current      | 0.2C            |
| Max Continuous Discharge Current | 1C              |
| Pulse Discharge Current          | 3C(10mS)        |
| Discharge Cut-off Voltage        | 2.5 ± 0.05V     |
| Cycle Life to 80% Health         | 500(0.2C, 25°C) |

**Environmental Data**

|                             |             |
|-----------------------------|-------------|
| Charging Temperature Range  | 0 - 45° C   |
| Discharge Temperature Range | -20 - 60° C |
| Storage Period 1 Week       | -20 - 45° C |
| Storage Period 1 Month      | -10 - 45° C |
| Storage Period 6 Months     | 0 - 35° C   |

**Battery Protection**

|                |              |
|----------------|--------------|
| Over Charge    | 4.275 ± 50mV |
| Over Discharge | 2.5V ± 50mV  |
| Over Current   | 3A to 5A     |
| Short Circuit  | Yes          |

**Mechanical Data**

|                                |                  |
|--------------------------------|------------------|
| Dimension(L <sub>1</sub> +W*T) | 89 x 51 x 8.0 mm |
| Weight                         | appr 66.7 g      |
| Battery Terminals              | WC/FL*           |

\*WC=With Connector FL=Flying Leads Specifications are subject to change without notice



**ANNOUNCEMENTS**

- Never put LiPo batteries or battery packs in pockets, drawers or bags where they might make contact with something made of metal. This can cause a short circuit.
- Do not store LiPo batteries in extreme temperatures below 0C or above 50C.
- Always store LiPo pack in a safe and non-combustible container away from flammable or combustible materials.

**CONTACT INFO**

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