

1 YEAR WARRANTY

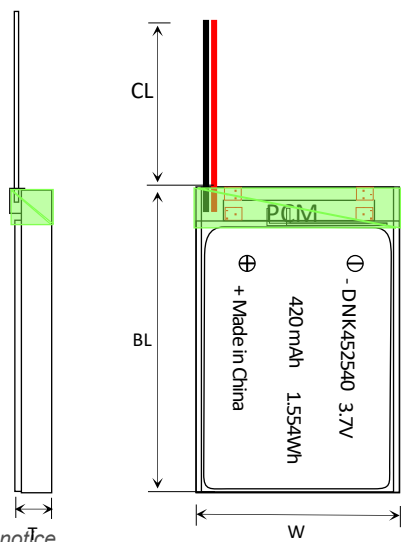
DNK

3.7V DNK452540 420mAh 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 | 4.5 |
| W | 25 |
| M | 10 |
| L | 40.0 |
| L ₁ | 42.0 |
| BL | 42.0 ± 1 |
| CL | 100 |



Electrical Data

| | |
|----------------------------------|-----------------|
| Part Number | LP 452540 |
| Nominal Voltage | 3.7V |
| Nominal Capacity | 420 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 ₁ +W*T) | 42.0 x 25 x 4.5 mm |
| Weight | ≤10 g |
| Battery Terminals | WC/FL* |

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



ANNOUNCEMENTS

- Have a fire extinguisher near the LiPo battery charging area and/or a large bucket of dry sand.
- Do not fully discharge your LiPo battery pack. Discharging a LiPo beyond it's critical minimum voltage (often 3.0v) can cause damage to the battery.
- Ensure that charging leads are connected correctly. Reverse charging can lead to cell damage, fire or explosion.

CONTACT INFO

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