

1 YEAR WARRANTY

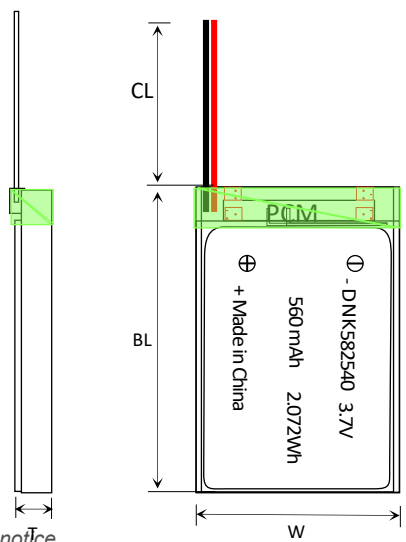
DNK

3.7V DNK582540 560mAh 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	5.8
W	25
M	10
L	40.8
L ₁	42.8
BL	42.8 ± 1
CL	100



Electrical Data

Part Number	LP 582540
Nominal Voltage	3.7V
Nominal Capacity	560 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)	42.8 x 25 x 5.8 mm
Weight	appr 9.4 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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