3.7V Lithium Polymer Battery Data Sheet

Model: 553353

Please Find More:

https://www.fpbattery.com/3-7v-900mah-lithium-polymer-battery/

File Number: A/FP3353-14101

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
sales@fpbattery.com
Hours of Operation:
9:00am-6:00pm CST, Monday to Friday

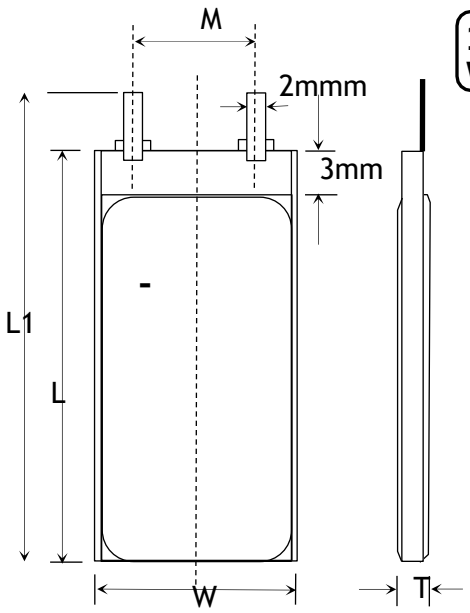
LEARN MORE ON:
https://www.fpbattery.com/

DNK POWER COMPANY LIMITED

BATTERY SPECIFICATION

Part Number	DNK 553353
Nominal Voltage	3.7 V
Nominal Capacity	960 mAh
Internal Impedence	<60mΩ
Charge Voltage	4.2V
Recommended Charge Current	0.2 C
Allowed Max Charge Current	0.5 C
Output Voltage Range	4.2 - 2.5 V
Recommended Discharge Current	0.2 C
Max Continuous Discharge Current	1 C
Pulse Discharge Current	3 C (10 mS)
Discharge Cut-off Voltage	2.5± 0.05V
Cycle Life to 80% Health	500 (0.2C, 25°C)

1



1 YEAR WARRANTY

Item	Parameter (mm)
T	5
W	33
M	10
L	53
L_1	55
BL	55 ± 1
CL	100

ENVIRONMENTAL SPECIFICATIONS

Charging Temperature Range	0 - 45°C
Discharging 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

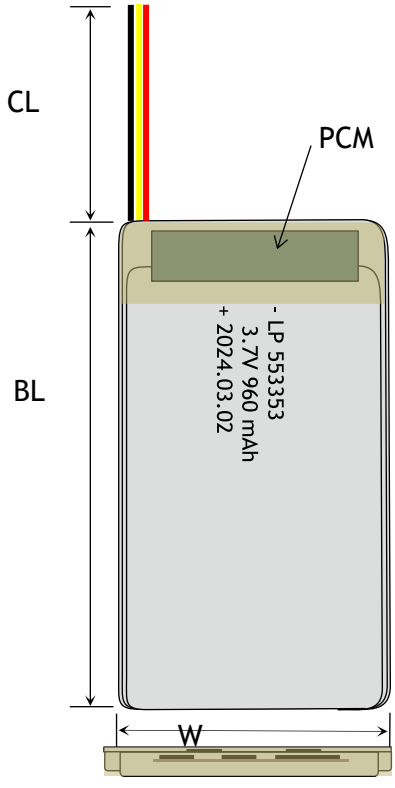
MECHANICAL SPECIFICATIONS

Dimensions	55x 33 x 5 mm(L*W*T)
Weight	Around 16 g
Battery Terminals	WC/ FL *

CERTIFICATION

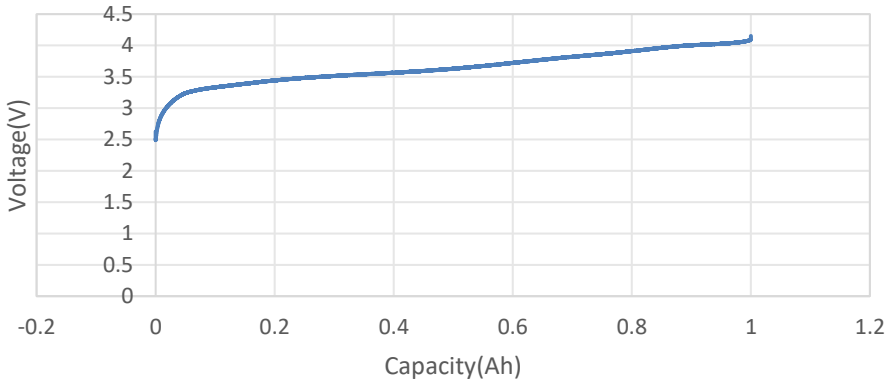
Certification Approval	PLEASE CONSULT SALES

* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

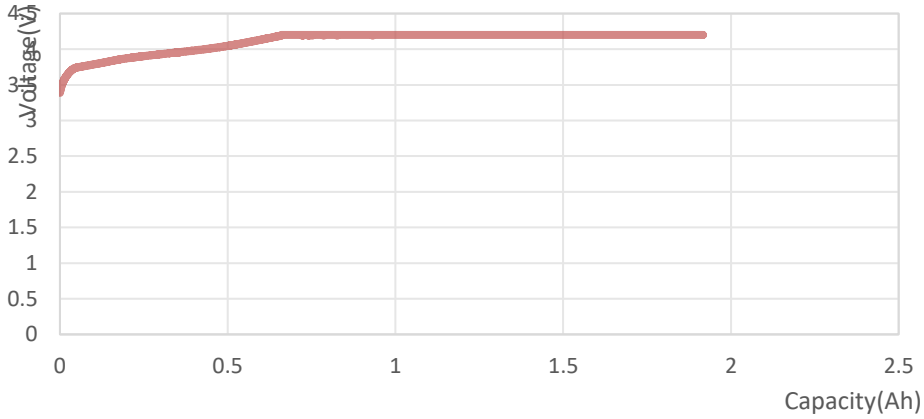


RELATIVE CURVES

0.2C Discharge Characteristics Curve



1C Discharge Characteristics Curves



ANNOUNCEMENT

- Never disassemble, modify, puncture, mechanically shock, or short circuit the battery. Leakage, smoke emission, ignition, explosion, or fire, which may result in personal injury and property damage, can occur.
- Avoid purchasing low quality batteries to avoid accidents.
- Always store LiPo pack in a safe and nonGcombustible container away from flammable/combustible materials.
- Avoid using unauthorized charging devices.
- If the electrolyte in the cells gets on your skin, wash the area thoroughly with soap and water. If it gets in your eyes, rinse at emergency eyewash station for 15 minutes with cool water and seek immediate medical attention.
- Be careful of the polarity when connecting and disconnecting batteries.
- Never leave un-attended!
- Avoid prolonged use of the device with a low battery.
- Avoid physical damage and short circuiting.
- Never leave un-attended!
- Charge on non-conductive, non-combustible surfaces.