3.7V Lithium Polymer Battery Data Sheet

Model: 404258

Please Find More:

https://www.fpbattery.com/3-7v-5500mah-lithium-polymer-battery/

File Number: A/FP4258-10076

File Version: 01

CONTACT

CUSTOMER SERVICE
86.755.3682.7358
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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 404258
Nominal Voltage	3.7 V
Nominal Capacity	975 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)

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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

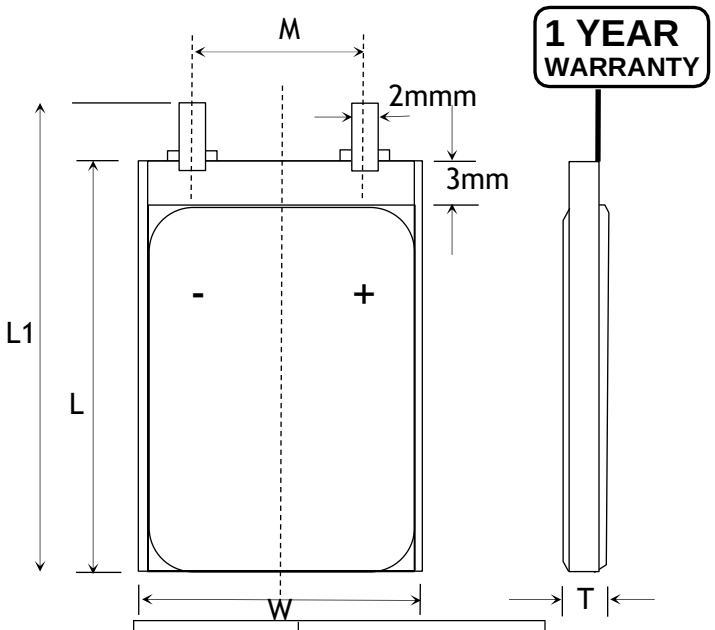
MECHANICAL SPECIFICATIONS

Dimensions	60x 42 x 4 mm(L*W*T)
Weight	Around 16 g
Battery Terminals	WC/ FL *

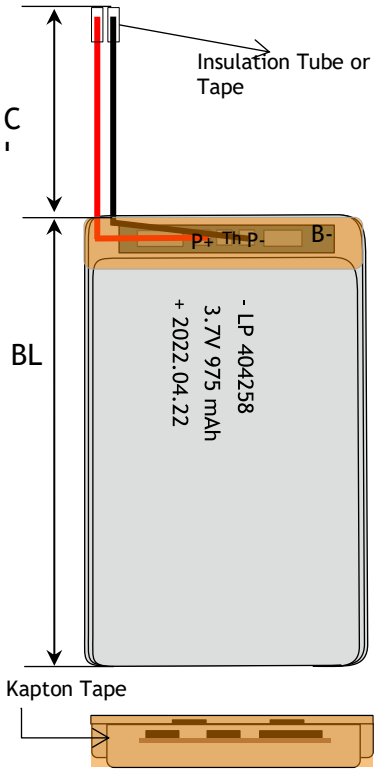
CERTIFICATION

Certification Approval	PLEASE CONSULT SALES

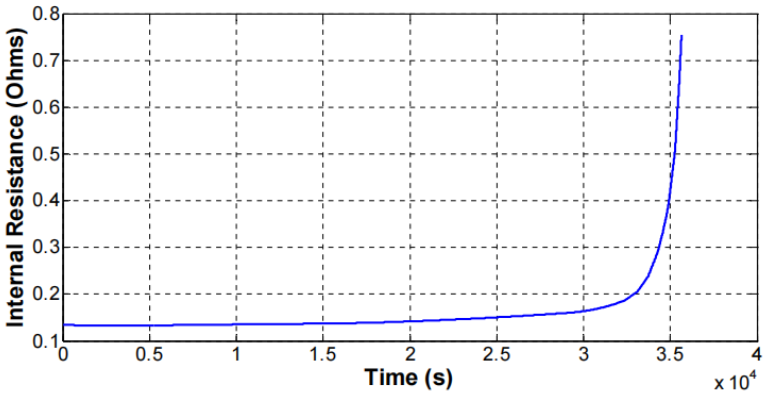
* WC=With Connector FL=Flying Leads UWP=Blue Wrapped PVC BWP=Black Wrapped PVC BC= Bare Cell

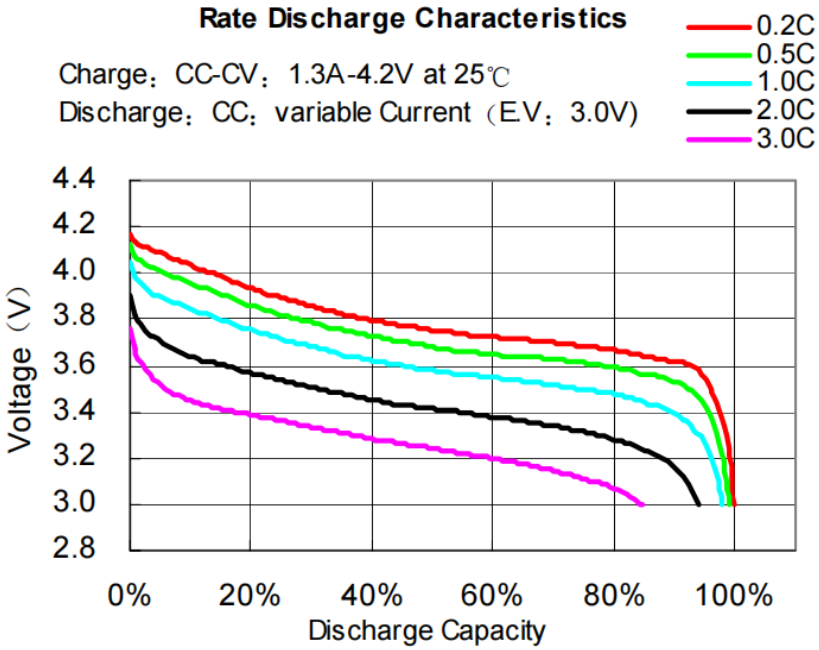


Item	Parameter (mm)
T	4
W	42
M	10
L	58
L_1	60
BL	60 ± 1
CL	100



RELATIVE CURVES





ANNOUNCEMENT

- Avoid purchasing low quality batteries to avoid accidents.
- Discharge the battery to 50% before storing it for an extended period of time.
- Ensure connectors are insulated correctly to prevent short circuit in handling or storage.
- Use the included charge lead (if applicable) for charging purposes only! DO NOT use the harness as a power adapter. Use of the charging harness as a power adapter may result in overheating of the battery connection resulting in melting of the plastic battery case.
- The battery must be protected against shocks and splashing of materials from outside the model.
- NEVER alter or disassemble a Lipo battery.
- Do not charge any pack containing one or more damaged or swollen/puffed cell as there is a high risk of a fire. Dispose of them.
- Do not overcharge the battery and observe the charger and battery charge time instructions.
- NEVER charge batteries at temperatures below 32℉ (0℃) or above 105℉ (40℃).
- Do not expose the battery to temperature extremes, such as high or low temperatures.
- Do not disassemble and damage the battery.