

LITHIUM-POLY-LINE Battery LP 383434

rechargeable Lithium Polymerer

Dimensions [mm]

Length (L)	Max.34.5 (without Tabs)
Width (W)	Max.34.5
Thickness (T)	Max. 4.0 (delivery status) Max. 4.2 (after cycling)
Tab Distance	14 +-2
Tab Length	10 +-2
Tab Width	4 +-0.1
Top Sealing Width	>= 3.0

Weight, approx. [g]

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Electrical Parameter

Nominal Voltage [V]	3.7 (average)
Typical capacity [mAh]	430 (0.2C at 20°C)
Minimum capacity C [mAh]	400 (0.2C at 20°C)
Impedance initial [mΩ]	<80 @ 1kHz at 4.2V
Max. Charge [mA]	400
Max. Charge Voltage [V]	4.20
Max. cont. Discharge [mA]	800
Discharge Cut off [V]	3.0
Life expectancy 0.5C / 0.5C, [20°C Cycles]	>300 >80% of initial capacity

Operating temperature [°C] Charge: 0 to 45
Discharge: -20 to 60

Storage Temperature 12 month at -20 to +20°C

Safety Parameter

UL Recognition	UL1642 (May 2010)
Overcharge 3C 4.6V	No fire, no explosion
Overdischarge 30Ohm 24h	No fire, no explosion
Short Circuit <100mOhm	No fire, no explosion, T<150°C
Heating 130°C 30min	No fire, no explosion

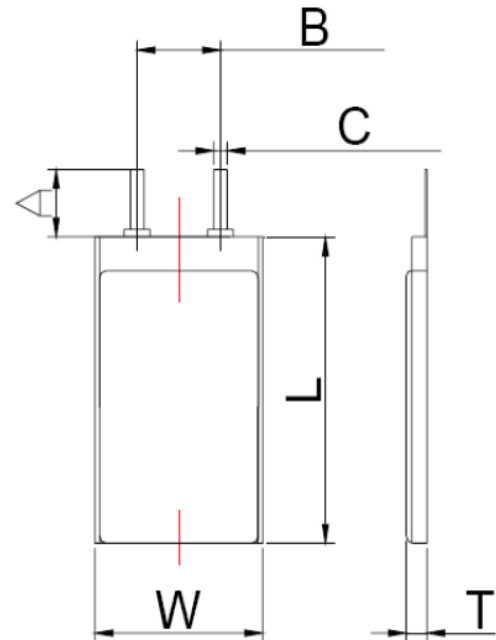
Delivery Status

Cell Voltage	3.7 – 3.9V
Cell Capacity	50-60%

Printing on the cell

Type	LP383434
Date Code	

Mechanical Drawing



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