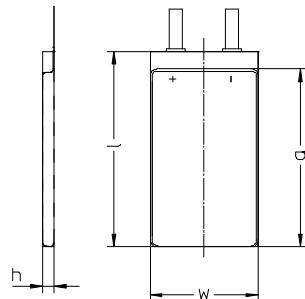


**Preliminary Data Sheet<sup>1</sup>**


Type Designation	453759 9HH
Type Number	56438
System	Li-Ion
UL Recognition	UL 1642
Nominal Voltage [V]	3.7 (average)
Typical capacity [mAh]	1260 (at C/5 from 4.2 V to 3.0 V at 20°C)
Minimum capacity C [mAh]	1200 (at C/5 from 4.2 V to 3.0 V at 20°C)
Dimensions [mm]	
Length (l)	Max. 59.0 (without Tabs)
Width (w)	Max. 37.0
Height (h)	Max. 4.55
Weight, approx. [g]	21
Charging Method	Constant current + Constant voltage
Charge Voltage [V]	4.20 (+/- 50 mV)
Initial charge current [mA]	Rapid Charge: 1200
Charging cut-off ( a) or b))	
a) by time [h]	Rapid Charge: 2.5
b) by min. current [mA]	C/50
Discharge cut-off voltage [V]	3.0
Max. Continuous Discharge Current [mA]	2400
Operating temperature [°C]	Charge: 0 to 45 Discharge: -20 to 60
Storage Temperature	1 year at -20 to +25°C 3 month at -20 to +45°C
Impedance initial [mΩ]	<70 @ 1kHz
Life expectancy 1C, 20°C [Cycles]	400 cycles >80% of initial capacity

<sup>1</sup> Prior to use read Handling Precaution and Prohibitions for VARTA Li-Ion Batteries

Subject to change without prior notice !