

# HLC-1550A

- > Delivering high current pulses
- > Up to 25 years lifetime and more
- > Wide operating temperature range
- > Low self discharge

## Performance Data

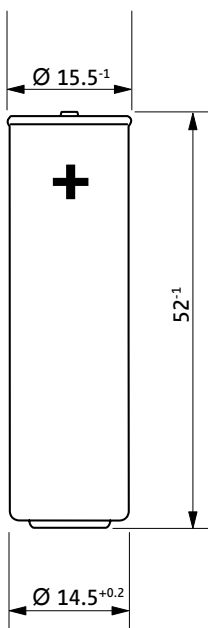
(Typical values in *PulsesPlus™* batteries stored at +25°C)

System	Lithium Intercalated Compounds
Nominal voltage	3.7 V
Nominal capacity	560 As (155 mAh) @ 3.7 V
Nominal current	50 mA
Max. continuous discharge current	2000 mA
Pulse current capability	5000 mA
Max. charge voltage	3.95 V
Max. charge current	100 mA
Discharge end voltage	2.5 V
Cell impedance	max. 100 mΩ (@ 1 kHz, RT)
Lithium content	0.05 g @ 3.7 V
Weight	20 g

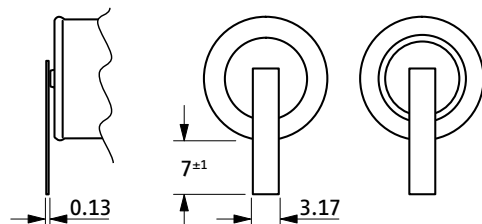
For more data please refer to page 37.



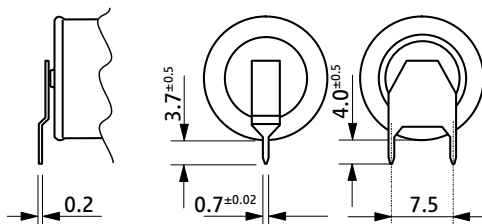
**HLC-1550/S**



**HLC-1550/T**



**HLC-1550/TP**



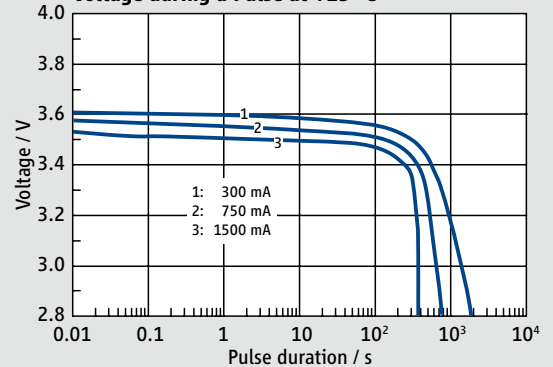
## Available Terminations

Termination	Standard	Catalogue No.
HLC-1550A/S	Standard	13 0 11551 02
HLC-1550A/T	Tags	13 0 11552 02
HLC-1550A/TP	Polarized tags	13 0 11557 02

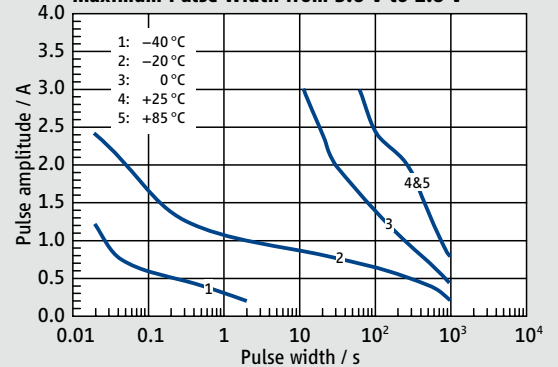
**CAUTION:**  
Fire, explosion,  
and severe burn hazard.  
Do not disassemble, heat  
above 100 °C, or incinerate.

Use as part of *PulsesPlus™*  
battery only. Do not  
charge above 3.95 V.

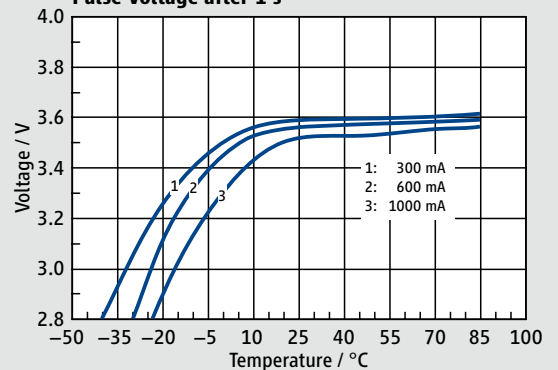
**Voltage during a Pulse at +25 °C**



**Maximum Pulse Width from 3.6 V to 2.8 V**



**Pulse Voltage after 1 s**



**Voltage Curve at +25 °C**

