

# HLC-1550A

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

## Performance Data

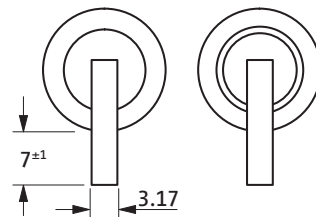
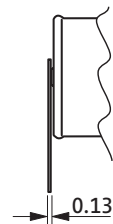
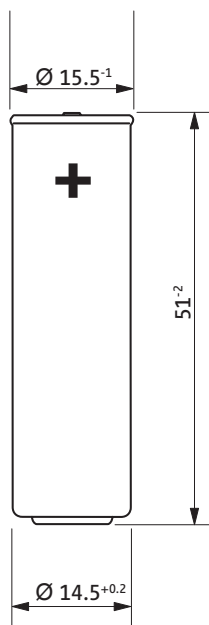
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Nominal voltage	3.6 V, optional 3.9 V
Nominal capacity	560 As (155 mAh) @ 3.6 V 850 As (240 mAh) @ 3.9 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 @ 3.6 V 0.10 g @ 3.9 V
Weight	20 g

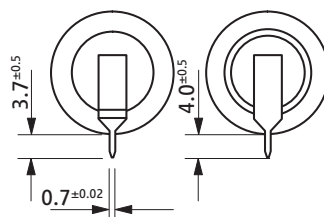
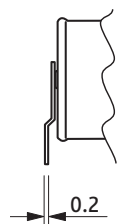
For more data please refer to page 37.



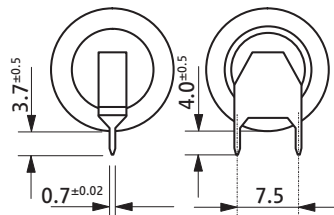
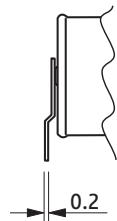
### HLC-1550/S



### HLC-1550/T



### HLC-1550/PT2



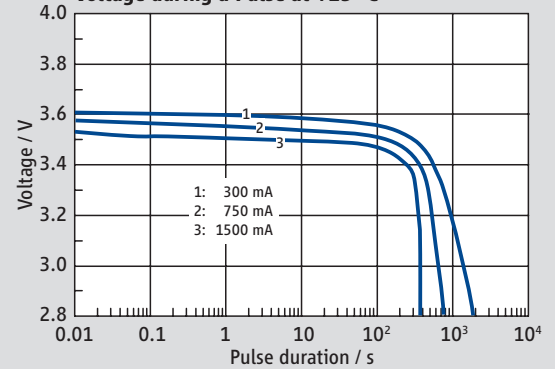
### HLC-1550/TP

## Available Terminations

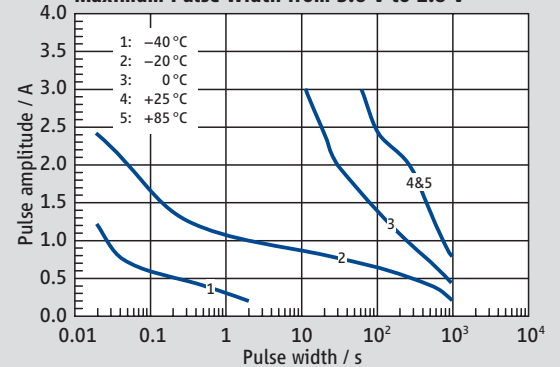
Termination	Standard	Catalogue No.
HLC-1550A/S	Standard	13 0 11551 02
HLC-1550A/T	Tags	13 0 11552 02
HLC-1550A/PT2	Pins radial	13 0 11556 02
HLC-1550A/TP	Polarized tags	13 0 11557 02

**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.

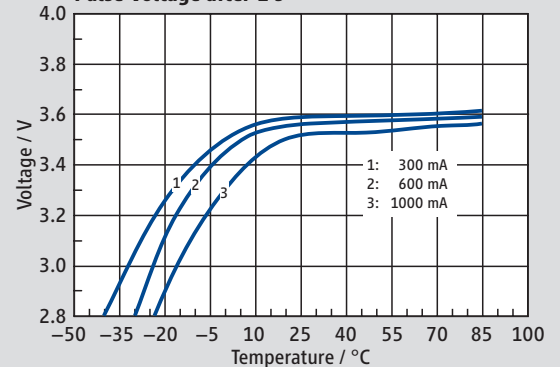
### Voltage during a Pulse at +25 °C



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



### Pulse Voltage after 1 s



### Voltage Curve at +25 °C

