

# HLC-1530A

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

## Performance Data

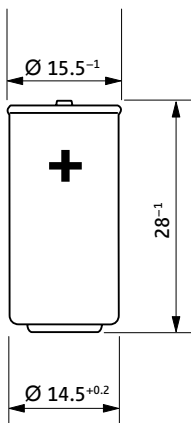
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Nominal voltage	3.7 V
Nominal capacity	250 As (70 mAh) @ 3.7 V
Nominal current	50 mA
Max. continuous discharge current	750 mA
Pulse current capability	3000 mA
Max. charge voltage	3.95 V
Max. charge current	50 mA
Discharge end voltage	2.5 V
Cell impedance	max. 140 mΩ (@ 1 kHz, RT)
Nominal energy	0.4 Wh
Weight	10.3 g

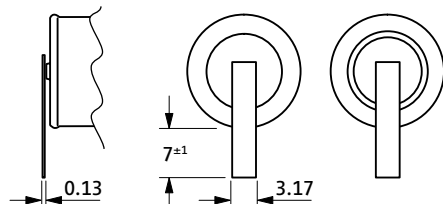
For more data please refer to page 36.



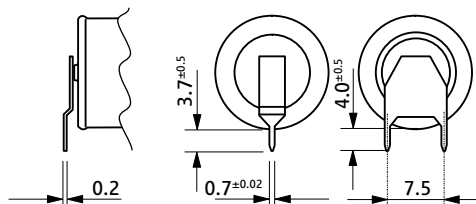
### HLC-1530/S



### HLC-1530/T



### HLC-1530/TP

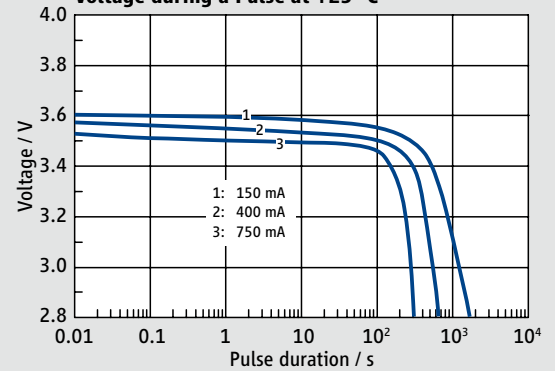


### Available Terminations

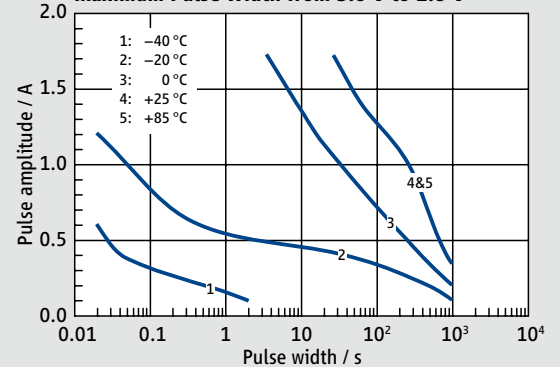
Termination	Standard	Catalogue No.
HLC-1530A/S	Standard	13 0 11531 02
HLC-1530A/T	Tags	13 0 11532 02
HLC-1530A/TP	Polarized tags	13 0 11537 02

**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.

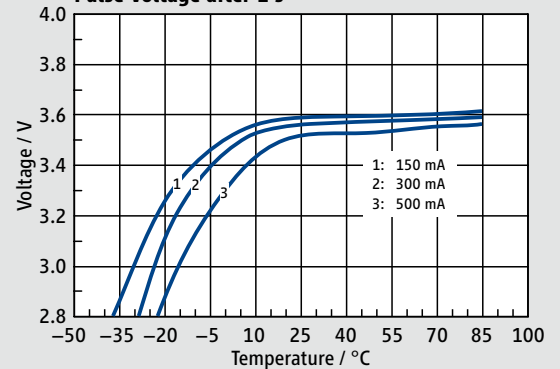
### Voltage during a Pulse at +25 °C



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



### Pulse Voltage after 1 s



### Voltage Curve at +25 °C

