

# HLC-1520A

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

## Performance Data

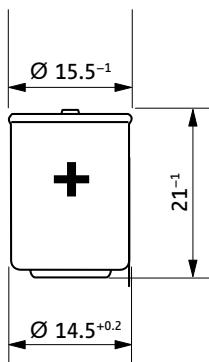
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Nominal voltage	3.67 V, optional 3.9 V
Nominal capacity	140 As (39 mAh) @ 3.67 V 210 As (58 mAh) @ 3.9 V
Nominal current	25 mA
Max. continuous discharge current	500 mA
Pulse current capability	2000 mA
Max. charge voltage	3.95 V
Max. charge current	25 mA
Discharge end voltage	2.5 V
Cell impedance	max. 250 mΩ (@ 1 kHz, RT)
Lithium content	0.02 g @ 3.67 V 0.03 g @ 3.9 V
Weight	7.7 g

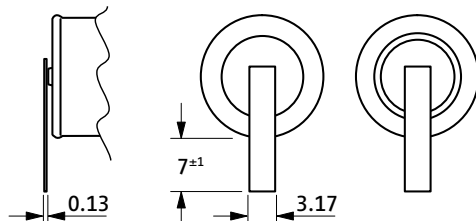
For more data please refer to page 37.



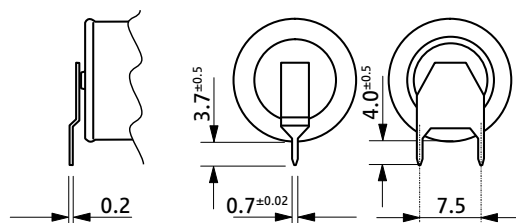
### HLC-1520/S



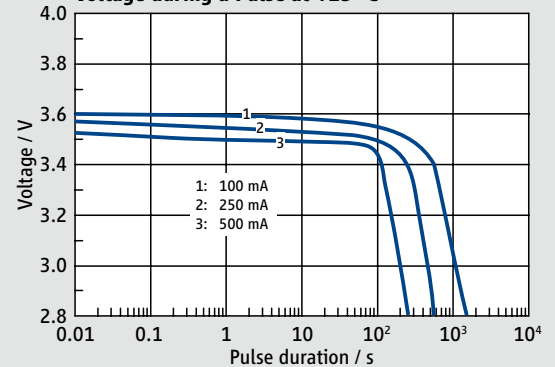
### HLC-1520/T



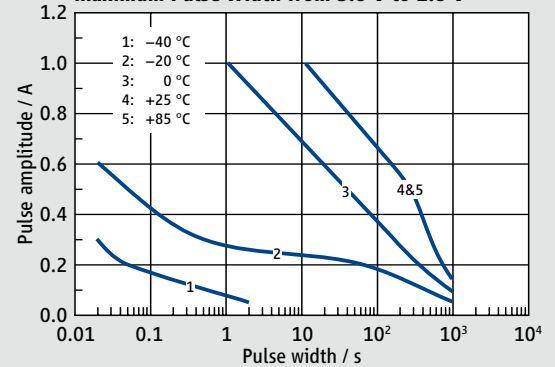
### HLC-1520/TP



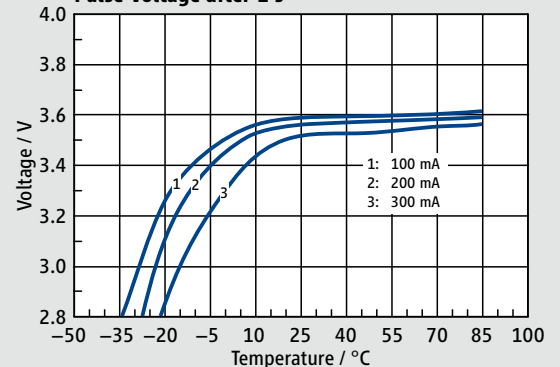
### Voltage during a Pulse at +25 °C



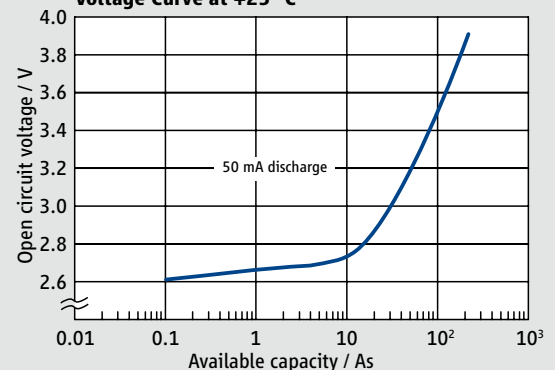
### Maximum Pulse Width from 3.6 V to 2.8 V



### Pulse Voltage after 1 s



### Voltage Curve at +25 °C



### Available Terminations

Termination	Standard	Catalogue No.
HLC-1520A/S	Standard	13 0 11521 02
HLC-1520A/T	Tags	13 0 11522 02
HLC-1520A/TP	Polarized tags	13 0 11527 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.