

HLC-1520A

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

Performance Data

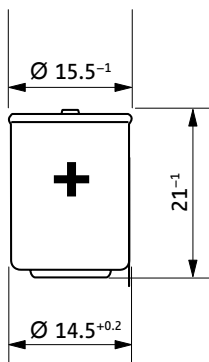
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Nominal voltage	3.7 V
Nominal capacity	140 As (39 mAh) @ 3.7 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)
Nominal energy	0.22 Wh
Weight	7.7 g

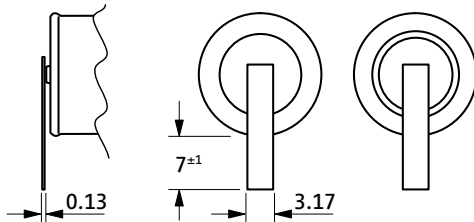
For more data please refer to page 37.



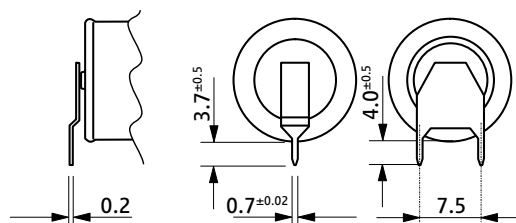
HLC-1520/S



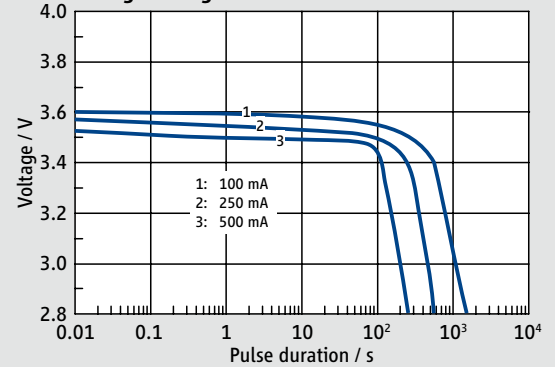
HLC-1520/T



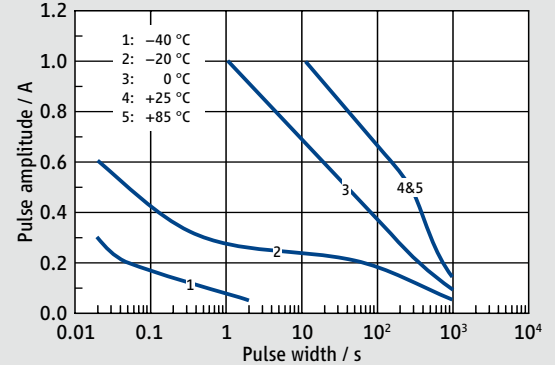
HLC-1520/TP



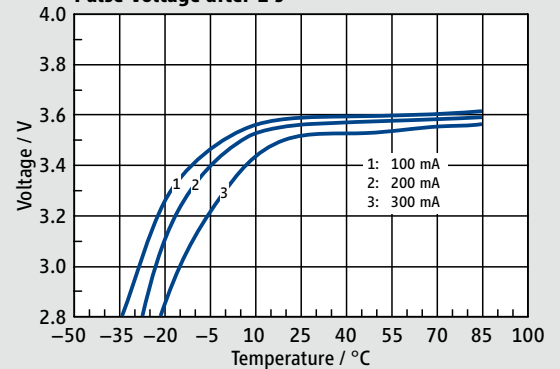
Voltage during a Pulse at +25 °C



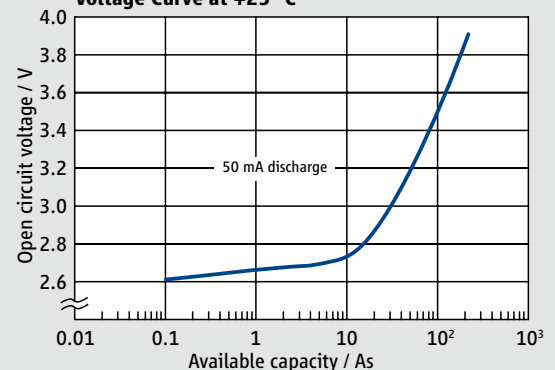
Maximum Pulse Width from 3.6 V to 2.8 V



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.