

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)

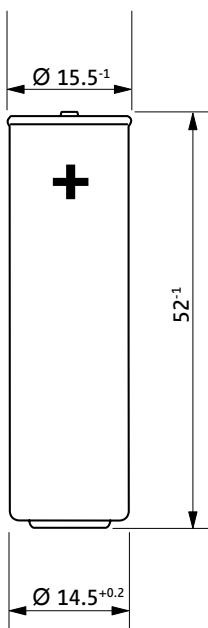
System	Lithium Intercalated Compounds
Nominal voltage	3.7 V
Nominal capacity	560 As (155 mAh) @ 3.7 V
Max. continuous discharge current	2000 mA
Pulse current capability (1 s)	5000 mA
Max. charge voltage	3.95 V
Max. charge current*	100 mA
Discharge end voltage	2.5 V
Cell impedance	max. 100 mΩ (@ 1 kHz, RT)
Operating temperature range	-40°C ... +85°C
Nominal energy	0.86 Wh
Weight	20 g

For more data please refer to page 36.

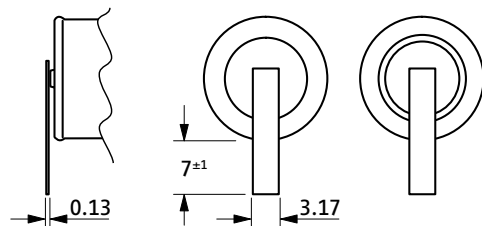
* if not charged by a primary cell



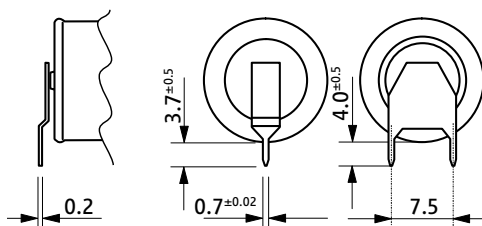
HLC-1550/S



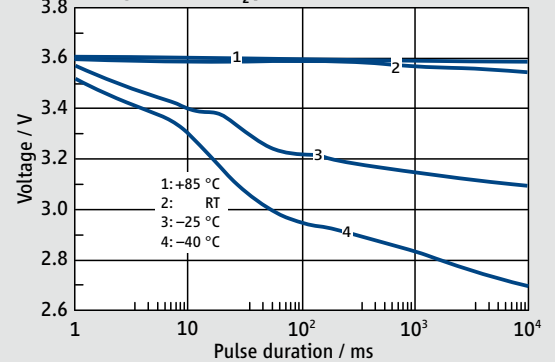
HLC-1550/T



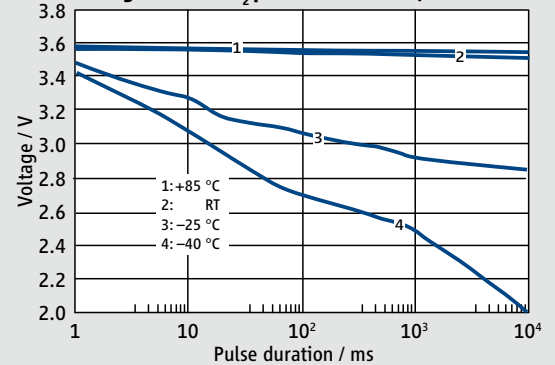
HLC-1550/TP



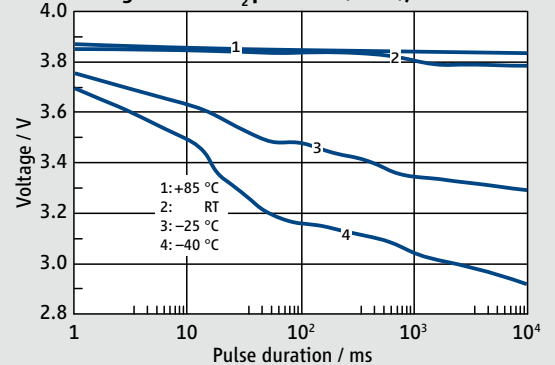
Voltage at Li/SOCl₂ potential (3.67 V), 750 mA



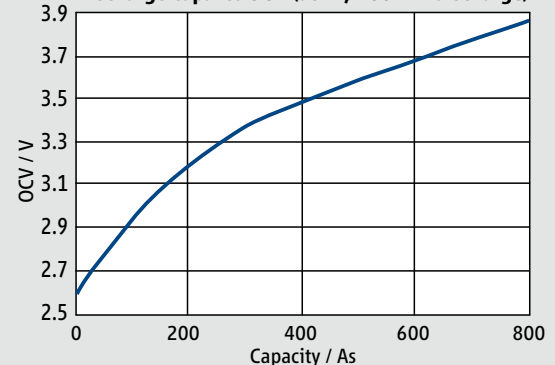
Voltage at Li/SOCl₂ potential (3.67 V), 1200 mA



Voltage at Li/SOCl₂ potential (3.9 V), 750 mA



Discharge cap. vs. OCV (at RT, 200 mA discharge)



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.