

HLC-1530A

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

Performance Data

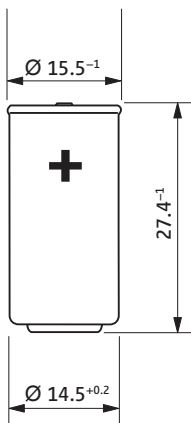
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Nominal voltage	3.6 V, optional 3.9 V
Nominal capacity	250 As (70 mAh) @ 3.6 V 380 As (105 mAh) @ 3.9 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)
Lithium content	0.02 g @ 3.6 V 0.05 g @ 3.9 V
Weight	10.3 g

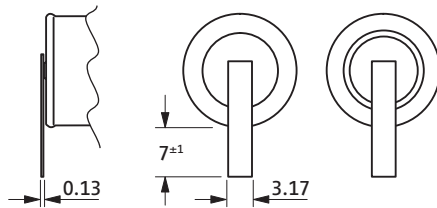
For more data please refer to page 37.



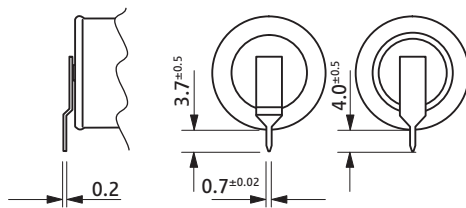
HLC-1530/S



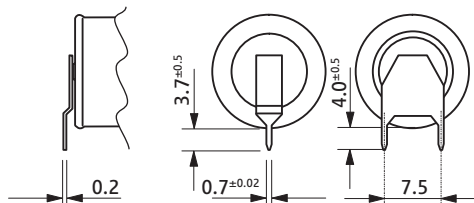
HLC-1530/T



HLC-1530/PT2



HLC-1530/TP

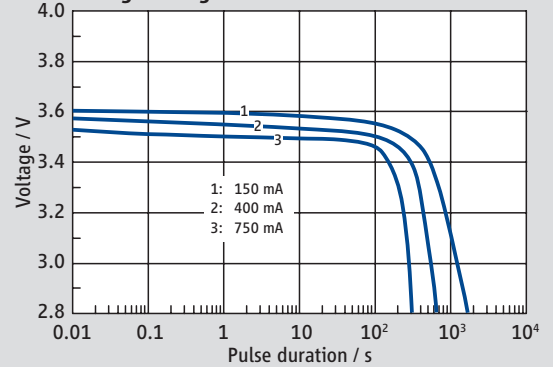


Available Terminations

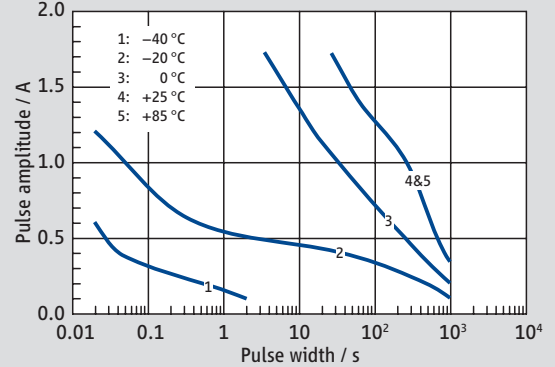
Termination	Standard	Catalogue No.
HLC-1530A/S	Standard	13 0 11531 02
HLC-1530A/T	Tags	13 0 11532 02
HLC-1530A/PT2	Pins radial	13 0 11536 02
HLC-1530A/TP	Polarized tags	13 0 11537 02

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.

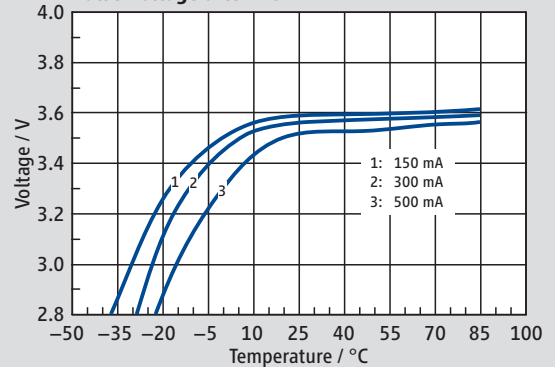
Voltage during a Pulse at +25 °C



Maximum Pulse Width from 3.6 V to 2.8 V



Pulse Voltage after 1 s



Voltage Curve at +25 °C

