

HLC-1020

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

Performance Data

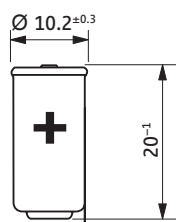
(Typical values in **PulsesPlus™** batteries stored at +25 °C)

System	Lithium Intercalated Compounds	
Version	HLC-1020	(HLC-1020L)
Nominal voltage	3.6 V / optional 3.9 V	
Nominal capacity	45 As @ 3.7 V	(30 As @ 3.7 V)
	70 As @ 3.9 V	(45 As @ 3.9 V)
Nominal current	15 mA	
Max. continuous discharge current	250 mA	(150 mA)
Pulse current capability	750 mA	(500 mA)
Max. charge voltage	3.95 V	
Max. charge current	8 mA	(6 mA)
Discharge end voltage	2.5 V	
Cell impedance	max. 400 mΩ	(max. 600 mΩ)
Lithium content	0.01 g	
Weight	4.2 g	

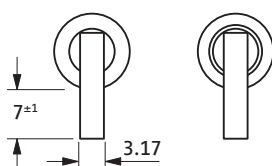
For more data please refer to page 37.



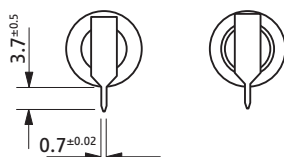
HLC-1020(L)/S



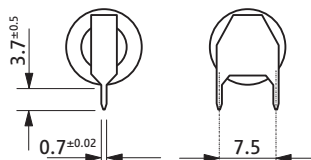
HLC-1020(L)/T



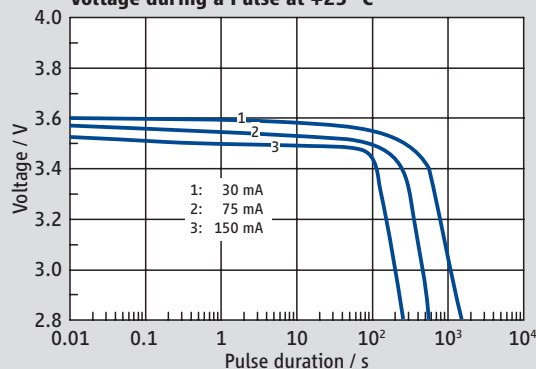
HLC-1020(L)/PT2



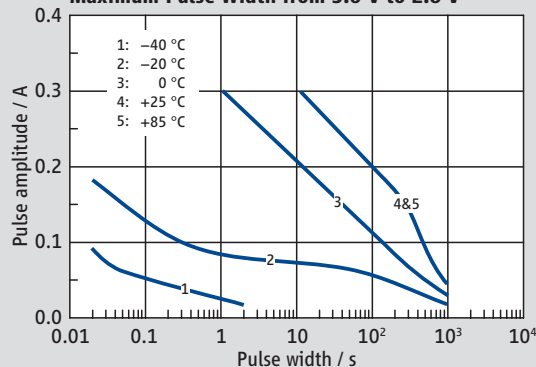
HLC-1020(L)/TP



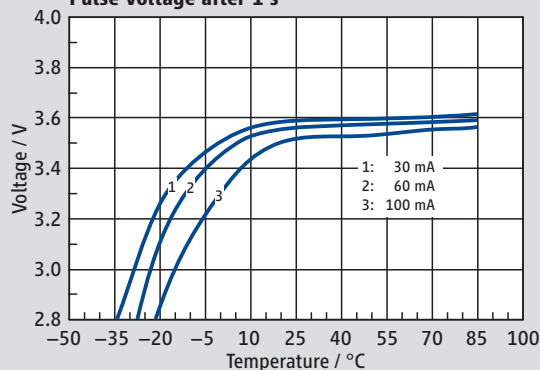
Voltage during a Pulse at +25 °C



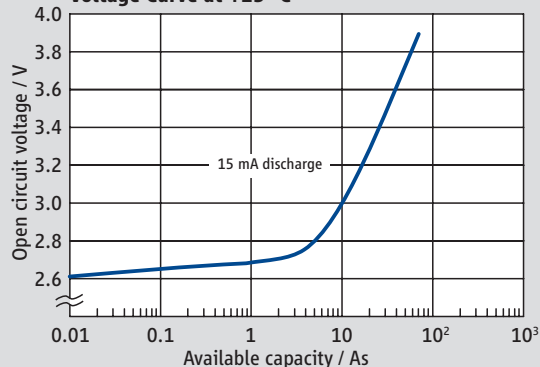
Maximum Pulse Width from 3.6 V to 2.8 V



Pulse Voltage after 1 s



Voltage Curve at +25 °C



Available Terminations

Catalogue No.

HLC-1020/S	Standard	13 0 11021 02
HLC-1020/T	Tags	13 0 11022 02
HLC-1020/PT2	Pins radial	13 0 11026 02
HLC-1020/TP	Polarized tags	13 0 11027 02
HLC-1020L/S	Standard	13 0 13021 02
HLC-1020L/T	Tags	13 0 13022 02
HLC-1020L/PT2	Pins radial	13 0 13026 02
HLC-1020L/TP	Polarized tags	13 0 13027 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.