

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)

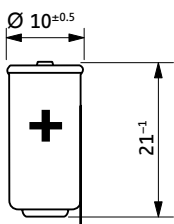
System	Lithium Intercalated Compounds	
Version	HLC-1020	(HLC-1020L)
Nominal voltage	3.7 V	
Nominal capacity	45 As @ 3.7 V	(30 As @ 3.7 V)
Max. continuous discharge current	250 mA	(150 mA)
Pulse current capability (1 s)	750 mA	(500 mA)
Max. charge voltage	3.95 V	
Max. charge current*	8 mA	(6 mA)
Discharge end voltage	2.5 V	
Cell impedance	max. 400 mΩ	(max. 600 mΩ)
Operating temperature range	-40°C ... +85°C	
Nominal energy	0.07 Wh	
Weight	4.2 g	

For more data please refer to page 36.

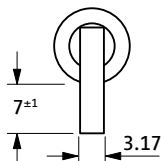
* if not charged by a primary cell



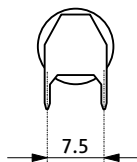
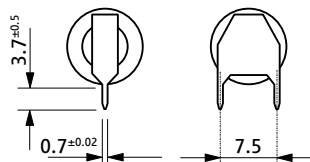
HLC-1020(L)/S



HLC-1020(L)/T



HLC-1020(L)/TP



Available Terminations

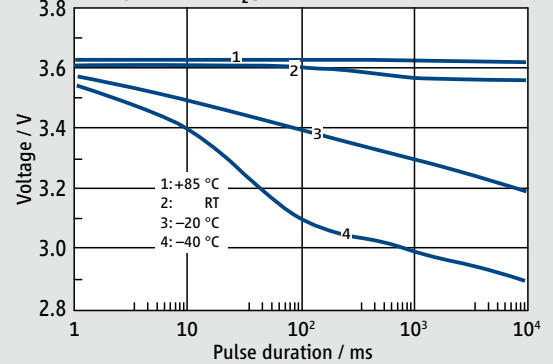
Termination	Standard	Catalogue No.
HLC-1020/S	Standard	13 0 11021 02
HLC-1020/T	Tags	13 0 11022 02
HLC-1020/TP	Polarized tags	13 0 11027 02
HLC-1020L/S	Standard	13 0 13021 02
HLC-1020L/T	Tags	13 0 13022 02
HLC-1020L/TP	Polarized tags	13 0 13027 02



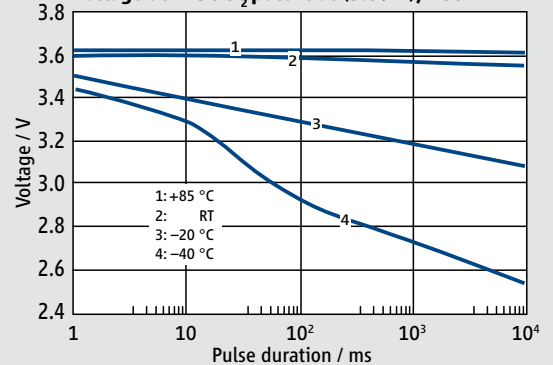
CAUTION:
Fire, explosion,
and severe burn hazard.
Do not disassemble, heat
above 100 °C, or incinerate.

Use as part of *PulsesPlus™*
battery only. Do not
charge above 3.95 V.

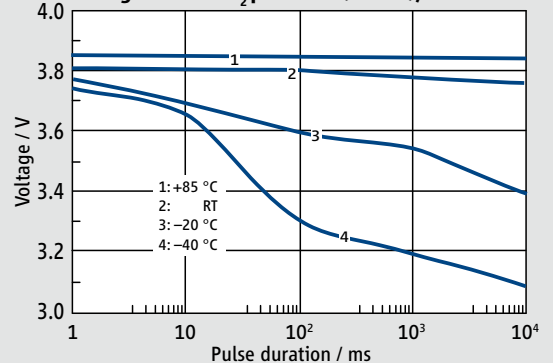
Voltage at Li/SOCl₂ potential (3.67 V), 60 mA



Voltage at Li/SOCl₂ potential (3.67 V), 100 mA



Voltage at Li/SOCl₂ potential (3.90 V), 60 mA



Discharge cap. vs. OCV (at RT, 15 mA discharge)

