

# HLC-1020P6

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

## Performance Data

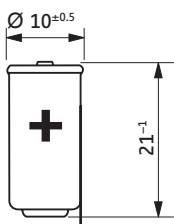
(Typical values in *PulsesPlus™* batteries stored at +25 °C)

System	Lithium Intercalated Compounds
Version	HLC-1020P6
Nominal voltage	3.7 V
Nominal capacity	50 As @ 3.7 V
Max. continuous discharge current	250 mA
Pulse current capability	2,000 mA
Max. charge voltage	3.95 V
Max. charge current	8 mA
Discharge end voltage	2.5 V
Cell impedance	max. 200 mΩ
Nominal energy	0.075 Wh
Weight	4.2 g

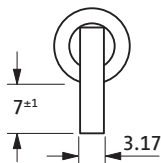
For more data please refer to page 36.



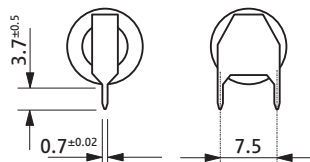
### HLC-1020P6/S



### HLC-1020P6/T



### HLC-1020P6/TP



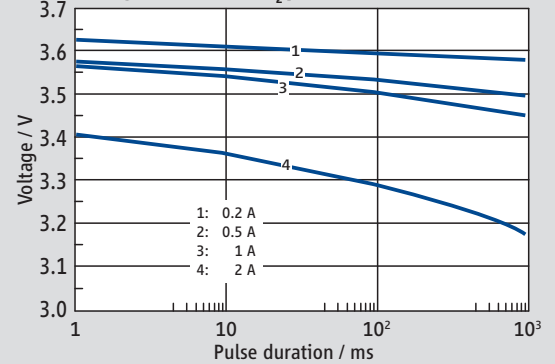
### Available Terminations

Termination	Standard	Catalogue No.
HLC-1020P6/S	Standard	13 0 16021 02
HLC-1020P6/T	Tags	13 0 16022 02
HLC-1020P6/TP	Polarized tags	13 0 16027 02

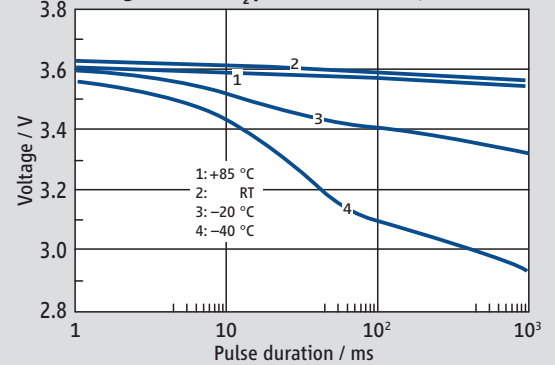
**CAUTION:**  
Fire, explosion,  
and severe burn hazard.  
Do not disassemble, heat  
above 100 °C, or incinerate.

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

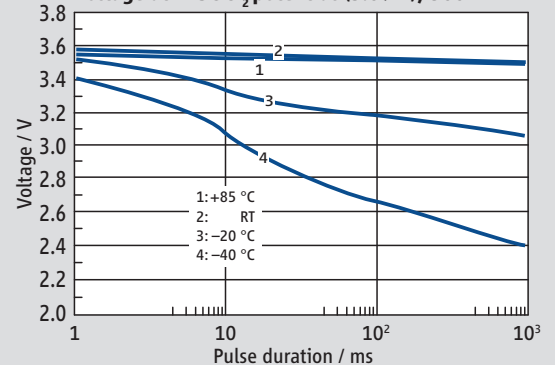
### Voltage at RT, Li/SOCl<sub>2</sub> potential (3.67 V)



### Voltage at Li/SOCl<sub>2</sub> potential (3.67 V), 200 mA



### Voltage at Li/SOCl<sub>2</sub> potential (3.67 V), 500 mA



### Discharge Capacity vs. OCV at RT

