

TLM-1550SPM

- High power + high energy
- No voltage delay
- Long shelf life
- End of life indication capability

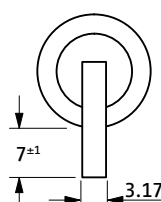
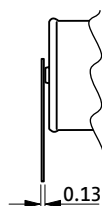
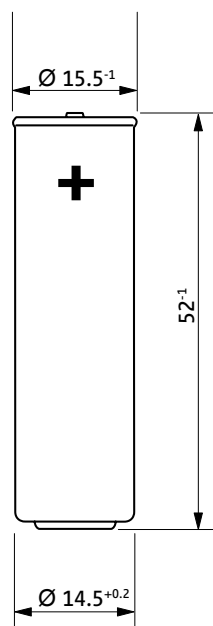
Performance Data

(Typical values for batteries stored at +25 °C for one year)

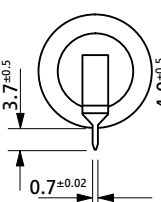
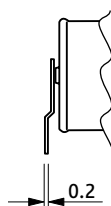
System	Lithium Metal Oxide
Nominal voltage	3.95 to 4.05 V
Nominal capacity	950 mAh
Nominal current	5 mA
Max. continuous discharge current	10 A
Pulse current capability	20 A
Cell impedance	max. 50 mΩ
Lithium content	0.3 g
Weight	21 g
Volume	8 cm ³
Temperature range	-40 °C ... +85 °C



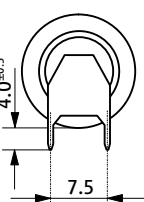
TLM-1550SPM/S



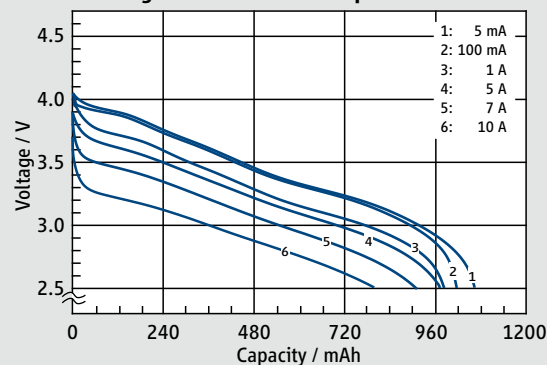
TLM-1550SPM/T



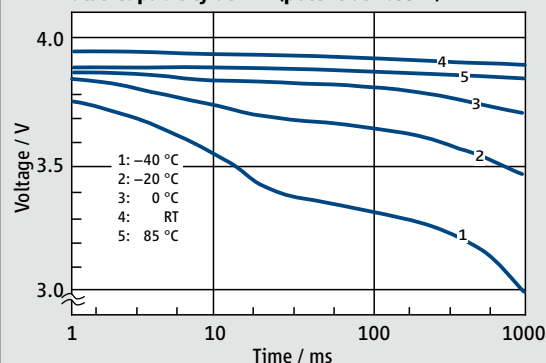
TLM-1550SPM/TP



Discharge Curves at Room Temperature



Pulse Capability at 2 A (potential 4.05 V)

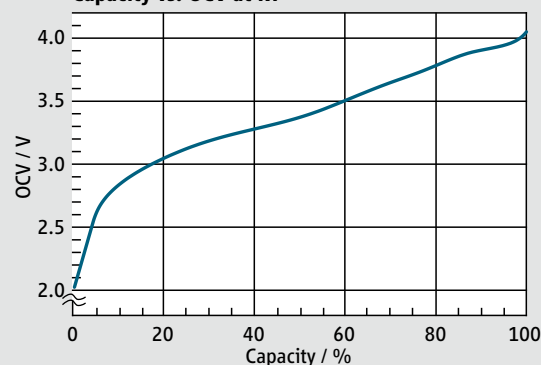


Accumulated Capacity Loss*

Storage Time [Y]	Storage Temperature		
	22 °C	55 °C	72 °C
1	3 %	6 %	10 %
5	7 %	22 %	40 %
10	11 %	32 %	n/a
15	15 %	42 %	n/a
20	18 %	n/a	n/a

* when tested at RT at 5 mA to 2.0 V

Capacity vs. OCV at RT



Available Terminations

TLM-1550SPM/S	Standard	on request
TLM-1550SPM/T	Tags*	on request
TLM-1550SPM/TP	Polarized tags*	on request

* versions with PTC SRP 200 on request

Catalogue No.

WARNING:

Fire, explosion, and severe burn hazard. Do not charge, disassemble, heat above 100 °C, incinerate, or short circuit.