

TLM-1550ESM

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

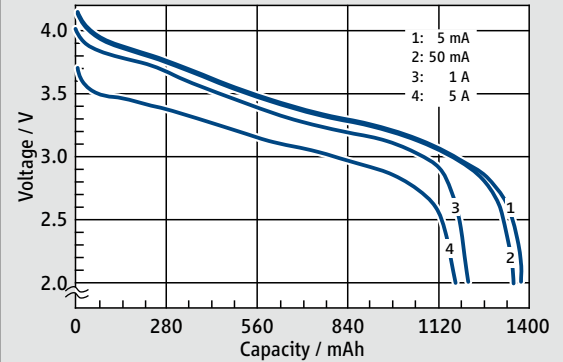
Performance Data

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

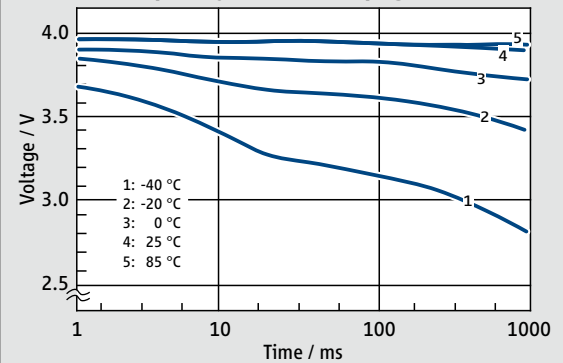
System	Lithium Metal Oxide
Nominal voltage	4.0 V
Nominal capacity	1,400 mAh
Nominal current	5 mA
Max. continuous discharge current	5 A
Pulse current capability	10 A
Cell impedance	max. 100 mΩ
Lithium content	0.4 g
Weight	22 g
Volume	8 cm ³
Temperature range	-40 °C ... +85 °C



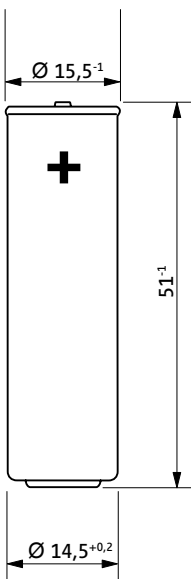
Discharge Curves at Room Temperature



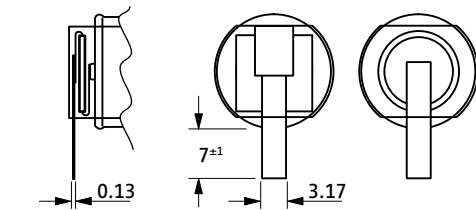
Pulse Capability at several Temp. @ 2 A



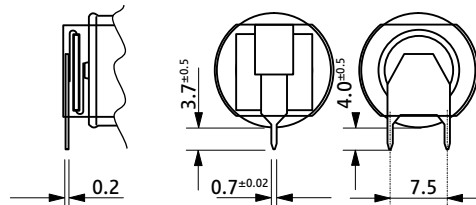
TLM-1550ESM/S



TLM-1550ESM/Z2/T



TLM-1550ESM/Z2/TP



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

Available Terminations

TLM-1550ESM/S	Standard	on request
TLM-1550ESM/Z2/T	Tags*	on request
TLM-1550ESM/Z2/TP	Polarized tags*	on request

* with PTC SRP 200

Catalogue No.

WARNING:

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

Capacity vs. OCV

