

product specs: standard lithium cells



iXtra Series - Wafer Cells

Model Data Sheet	Cell Size Ref	Catalog No.	Nominal Voltage (V)	Nominal Capacity (Ah)	Nominal Discharge Current (mA)	Temperature range (°C)	Maximum Dimensions				Available Terminations
							Diameter		Height		
							(mm)	(in)	(mm)	(in)	
TL-2450	2450	15-2450-41000	3.6	0.55	0.5	-55° to 85°	24.5	0.947	6.2	0.244	P
TL-5934	1/10 D	15-5934-41500	3.6	1.00	1	-55° to 85°	32.9	1.295	6.5	0.256	P
TL-5935	1/6 D	15-5935-41500	3.6	1.70	1	-55° to 85°	32.9	1.295	10.2	0.401	P

NOTES:

Customized terminations are available upon request.

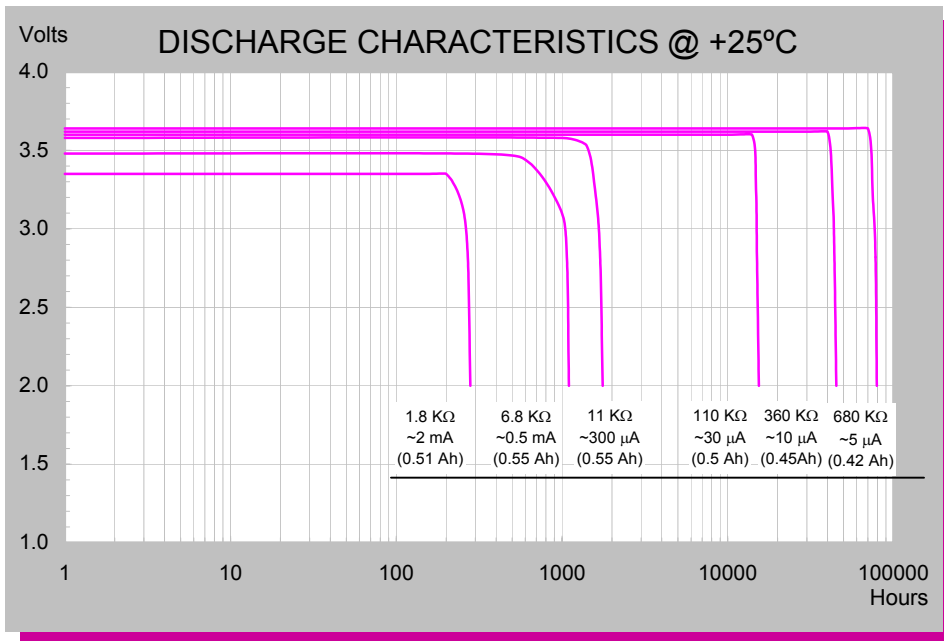
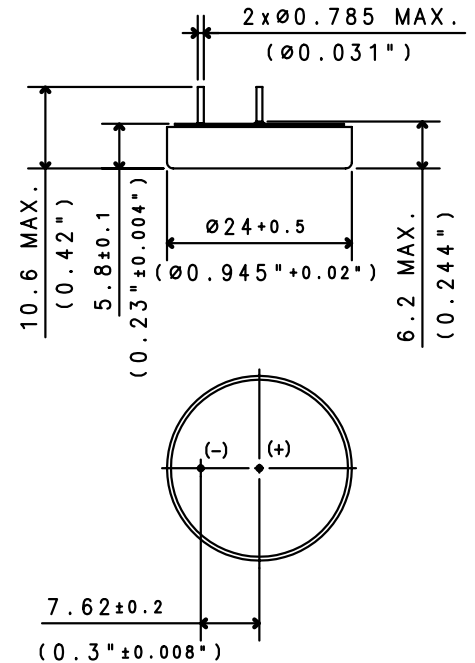
MODEL TL-2450

TECHNICAL DATA

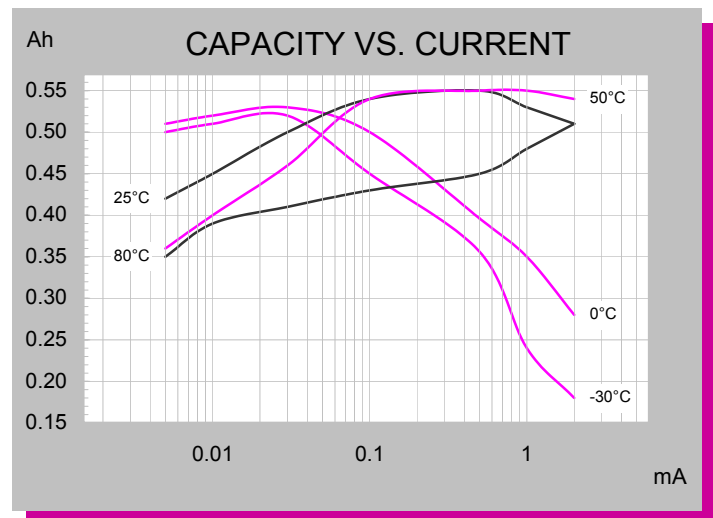
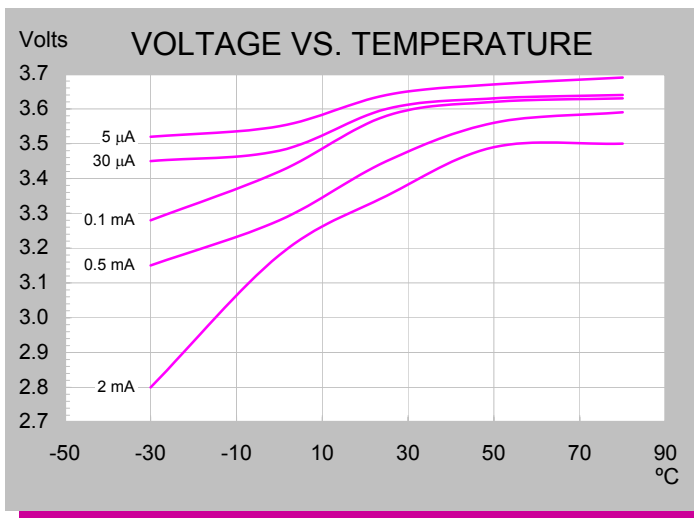
(Typical values @+25°C for batteries stored for one year or less)

■ Nominal capacity @ 0.5 mA, to 2V	0.55 Ah
■ Rated voltage	3.6 V
■ Maximum recommended continuous current	5 mA
■ Maximum pulse current capability	10 mA
■ Weight	8.8g (0.310 oz)
■ Volume	2.60 cc
■ Operating temperature range	-55°C to +85°C
■ Li metal content	approx. 0.2 g
■ U.L. Component Recognition MH 12193	

TADIRAN LITHIUM BATTERIES



ADDITIONAL INFORMATION
 SUFFIX - /P
 CATALOGUE NO.:
 TIN PLATED NICKEL PINS
 15-2450-41000



iXtra - Long Term High Performance

Note: Any presentations in this data sheet concerning performance are for information purpose only and are not construed as warranties either expressed or implied, of future performance. ECN 1501879

TL-2450

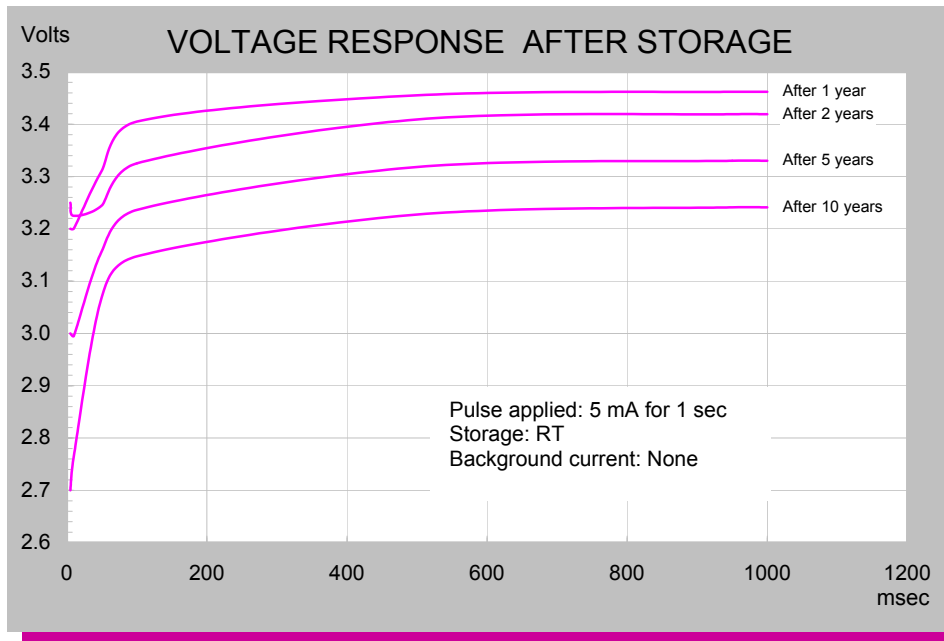
CELL FEATURES

- 3.6 V Primary lithium-thionyl chloride (Li-SOCl₂)
- Fast voltage recovery after long term storage and/or usage
- High energy density
- High and stable operating voltage
- Low self discharge rate
- Wafer construction
- Hermetic glass-to-metal-sealing
- Non-flammable electrolyte

TADIRAN LITHIUM BATTERIES

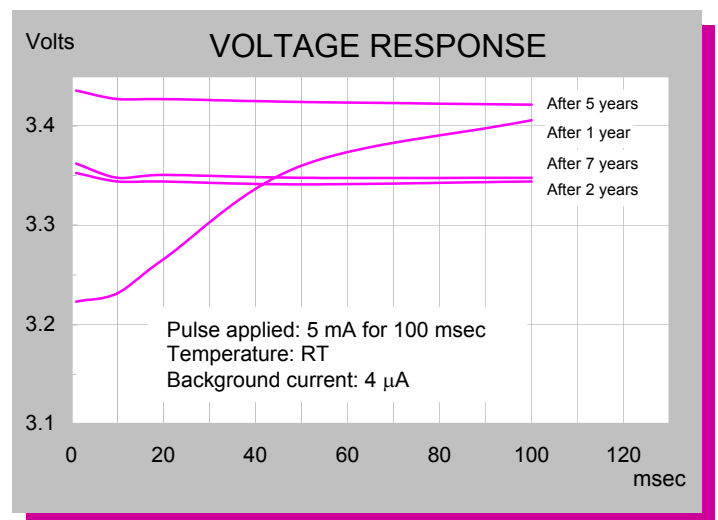
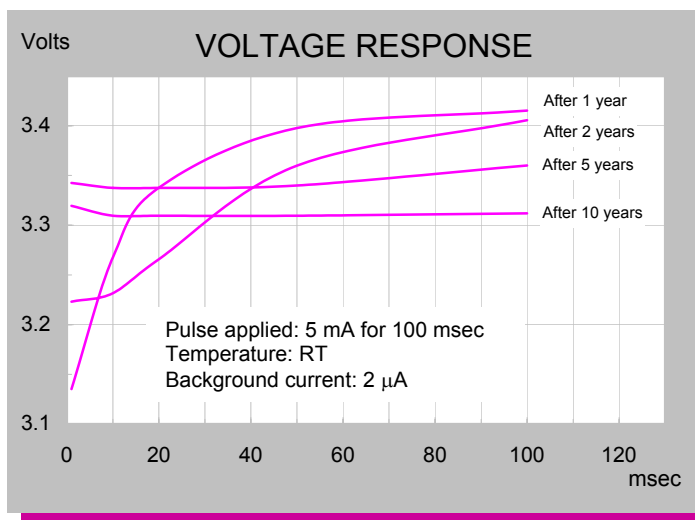
MAIN APPLICATIONS

- Utility meters (elect., water & gas)
- Automatic meter reading
- RF systems
- Sensors & monitoring systems
- Tracking systems
- Wireless security systems
- Automotive electronics
- Industrial electronics
- Ultra Low Power (ULP)



STORAGE CONDITIONS

- Cells should be stored in a clean & dry (less than 30 % RH) area



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