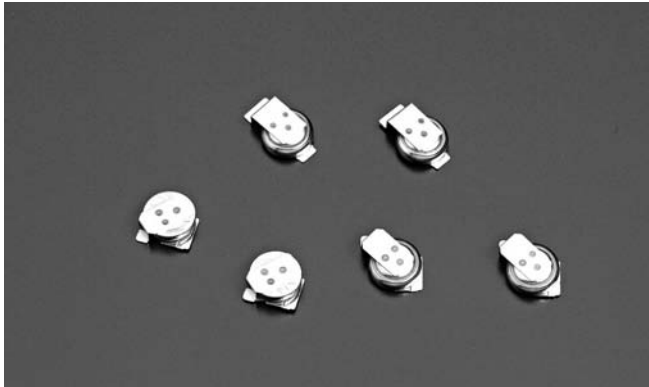


TS414H



FEATURES

- Rechargeable at low voltage
- Pb-free reflowable: 260°C heat resistant design
- Ultra-small terminals (IV01E) allow space-saving
- RoHS Compliant

APPLICATIONS

Power backup for the clock function of small portable devices such as cellphone and PHS phone

TS-H lithium rechargeable batteries are 1.5V high capacity Pb-free reflowable rechargeable batteries with a charge voltage of less than 2.0V intended to support of recent low-operating-voltage mobile devices.

SPECIFICATIONS

Type	Nominal Voltage (V)	Charge Voltage ^{*3} (V)	Nominal Capacity (Voltage Range V) (mAh)	Internal Impedance ^{*1} (Ω)	Standard Discharge Current (mA)	Cycle Life ^{*2} (Time)	Diameter (mm)	Height (mm)	Weight (g)
TS414H	1.5	1.5 to 3.0	0.2 (1.6 to 0.9)	350	0.005	1000 (20% D.O.D.) 100 (100% D.O.D.) ^{*4}	4.8	1.4	0.07

*1. Value measured using AC (Alternating Current) method in the fully charged state.

*2. Counts of charge and discharge repetition that maintains about 50% of the minimum guaranteed capacity

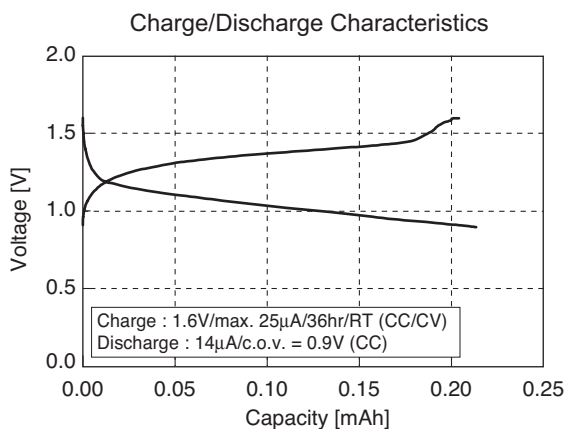
*3. A constant voltage charge is recommended, but due to a limit in charge current, it is necessary to insert a resistor to regulate charge current.

Please contact us for further details.

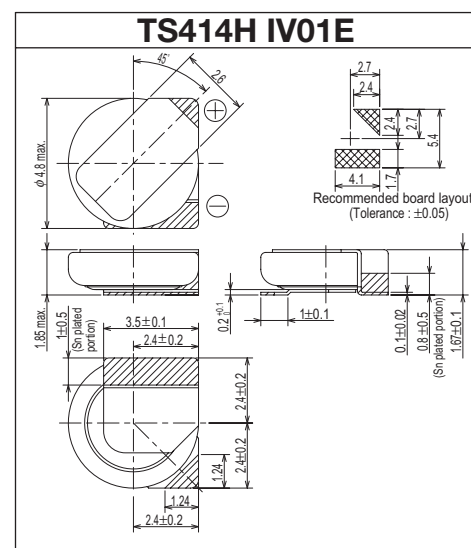
If a constant current charge is required, please contact us for more information.

*4. D.O.D. : Depth of Discharge

CHARACTERISTICS



STANDARD TERMINALS



Units: mm