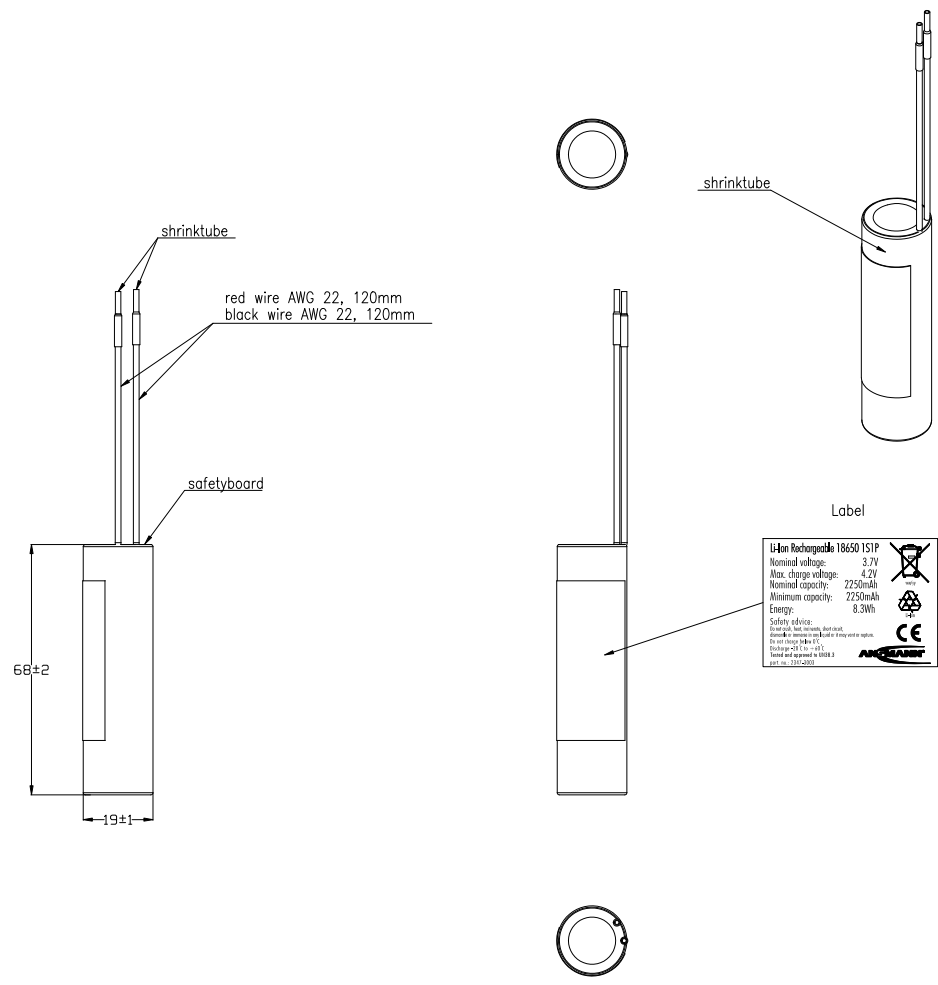


The supplier acknowledges that, with this acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing to reproduce the dimensions of the components. The supplier agrees to accept and deliver the part in accordance with the drawing and shall be held responsible for the part.

This drawing may not be copied, reproduced or made available to third parties for any use without the written approval of ANSMANN.

- Technische Daten/
technical data : Akku/
battery
- Chemie/
chemistry : Li-Ion
- Zellenzahl/
no. of cells : 1 Zelle/ cell 18650
- Kapazität/
capacity : nom. 2250mAh discharge at 0.2C
min. 2250mAh discharge at 0.2C
min. 1800mAh discharge at 1C
ta:20°C; EV(Discharge End Voltage): 2.75V per cell
- Innenwiderstand/
impedance : < 85mOhm (battery and safetyboard)
- Nominalspannung/
nominal voltage : 3.7V
- Standard Ladespannung/
standard charge voltage : 4.2V±1%
- Standard Entladespannung/
standard discharge voltage : 2.75V per cell
- Nominaler Ladestrom/
nominal charge current : 0.5C
- Maximaler Ladestrom/
maximum charge current : 1C
- Ladeendstrom/
charge end current : 0.01C recommended
- Maximaler Entladestrom/
maximum discharge current : 2500mA (limited by safetyboard)
- Anwendungstemperaturbereich/
ambient temperature range : 0°C...+45°C charge
-20°C...+60°C discharge
-20°C...+30°C storage max. 1 year
-20°C...+45°C storage max. 3months
- Selbstentladung/
self discharge : ≤ 5% / month at20°C
≤ 10% / month at30°C
≤ 20% / month at40°C
- Standards/ : UN 3480, Subsection 38.3
All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3
- Technische Daten/
technical data : Sicherheitsschaltung/
safety board
- Überladeschutzspannung/
over charge voltage detection : 4.325V±50mV
- Wiedereinschaltspannung/
over charge release voltage : 4.15V±50mV
- Entladeabschaltspannung/
over discharge detection voltage : 2.5V±100mV
- Wiedereinschaltspannung/
over discharge release voltage : 3V±100mV
- Nominaler Lade/Entladestrom/
nominal operating current : 2.5A
- Entlade Abschaltstrom/
discharge cut off current : 5A±1A
- Kurzschlusschutz/
short circuit protection : gegen äußeren Kurzschluss/
against external short circuit
- Temperaturerhalter/
temperature switch : ---
- MOSFET : in Masse
in Gnd
- Rückstellkriterium/
release condition : Last trennen, Aktiv nach Anladen/
cut load, release after charging up
- Nettogewicht/
net weight : 45g
- Leiterplattenmaterial/
pcb material : FR4
- Standards : CE



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2012-00x		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Altgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2012	Datum/Date Name	Zeichnungsname/Drawing name	
		Erstellt/ Drawn by	09.10. JE	Li-Ion Battery 3.7V 2250mAh with safetyboard	
V1	values, dimensions updated	14.02.13	SK	Zeichnungsnummer/Drawing number	
V0	---	XX.XX.XX	XX	Artikelnummer/Part number	
Version	Änderung/Change	Datum/Date Name	Ursprung/Origin Proj. OEM-0099-11-DE	2347-3003	
				Ersatz für/Replaced by	Ersatz durch/Replaced through

