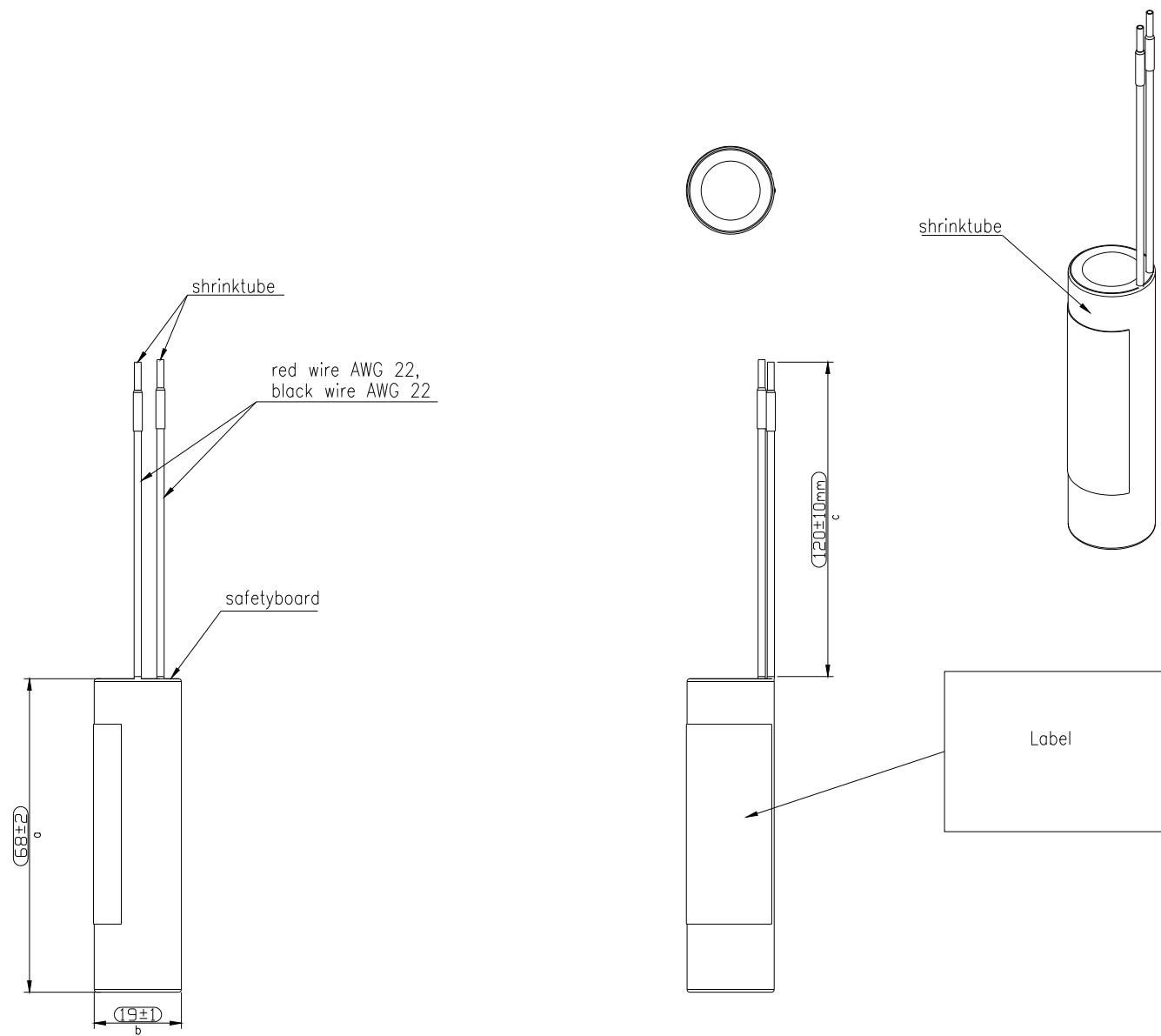


Technische Daten/ technical data	:	Akku/ battery
Chemie/ chemistry	:	Li-Ion
Zellenzahl/ no. of cells	:	1 Zelle/ cell 18650 M26 LG
Kapazität/ capacity	:	nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 100mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	3.6V
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	:	2500mA (limited by safetyboard)
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...+20°C storage max. 1 year -20°C...+45°C storage max. 3months
Selbstentladung/ self discharge	:	≤ 5% / month at 20°C ≤ 10% / month at 30°C ≤ 20% / month at 40°C
Standards/	:	UN 3480, Subsection 38.3 All cells and batterypacks 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	:	4.075V±50mV
Entladeabschaltspannung/ over discharge detection voltage	:	2.5V±100mV
Wiedereinschaltspannung/ over discharge release voltage	:	2.9V±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	:	PTC: SMD1812R400SF; 6V/4A at 25°C; 3.41A at 40°C
MOSFET	:	in Masse in Gnd
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	:	47.5g
Leiterplattenmaterial/ pcb material	:	FR4
Standards	:	CE



Allowable deviation general tolerances		Surface:		Material:		Weight	
DIN ISO 2768-m				Scale (DIN A2): 1:1		Projection method 1	
Drawn by		Date		Name		Product name:	
31.07.2015		JH				Li-Ion-3.6V-2600mAh-bu/RS	
Changed by						Part number 2347-3003-520	
						Project: IS-XXXX	
V2		technical data changed		21.10.2020		DS	
V1		label printing on datasheet removed		10.11.2017		SP	
Version		Change		Date		Name	
						Application range for inquiry XXX/XX	
						Sheet 1/1	



The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and series production. Through the selection of manufacturing processes and materials, the manufacturer will ensure that the material and structure which would subsequently lead to an impairment of the properties. After agreement with the customer, the manufacturer reserves the right to change the drawing and the part.

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