

Technische Daten/
technical data : Akku/
battery

Chemie/
chemistry : Li-Ion

Zellenzahl/
no. of cells : 1 Zelle/ cell INR 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 at20°C
≤ 10% / month at30°C
≤ 20% / month at40°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

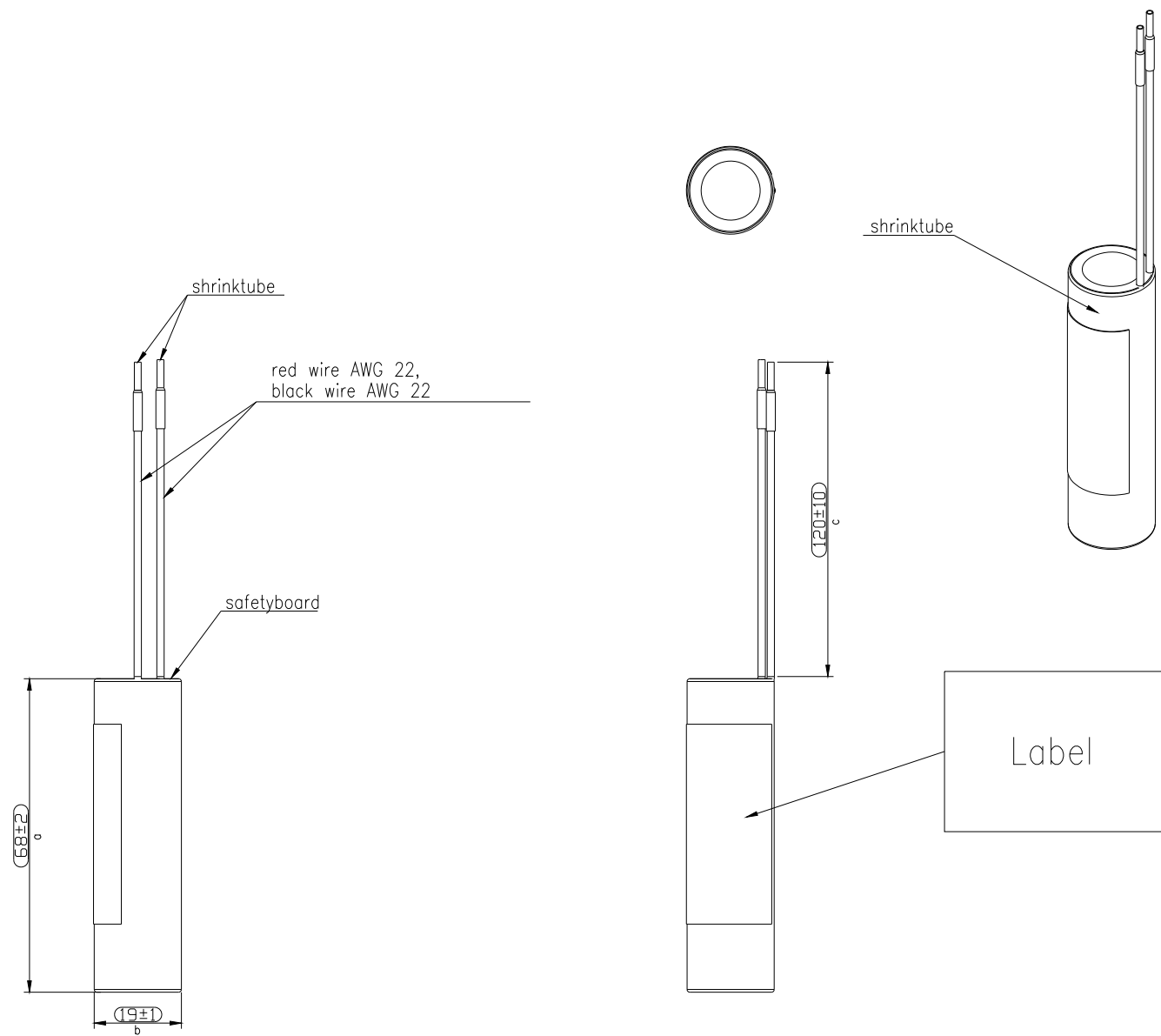
MOSFET : in Masse
in Gnd

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, UKCA



Part Number	SAP Description
2347-3008-06	Li-Ion-3.6V-2600mAh-1S1P-PTC-M26
2347-3008-206	Li-Ion-3.6V-2600mAh-1S1P-M26/UK

Version	Change	Date	Name	Allowable deviation general tolerances	Surface:	Material:	Weight
				DIN ISO 2768-m		Scale (DIN A2): 1:1	1
						Projection method	
						Product name:	
V4	Standards updated	01.06.2021	DS			Li-Ion-3.6V-2600mAh-1s1p-PTC-M26	
V3	change request: DE-20-5013	13.02.2020	MSt				
V2	PTC information added corrected over charge release voltage corrected over discharge release voltage	12.08.2019	JX				
V1	part number overview added	15.04.2019	DS			Part number 2347-3008-X06	Project: IS-00421
						Application range for inquiry	AN-IS-2013-00421
							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 selected manufacturing processes no impairments will arise in the material and structure which could subsequently lead to an impairment of the components, technical agreements over and above that are not valid. Deviations from this must be written and must be signed by the purchaser.

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