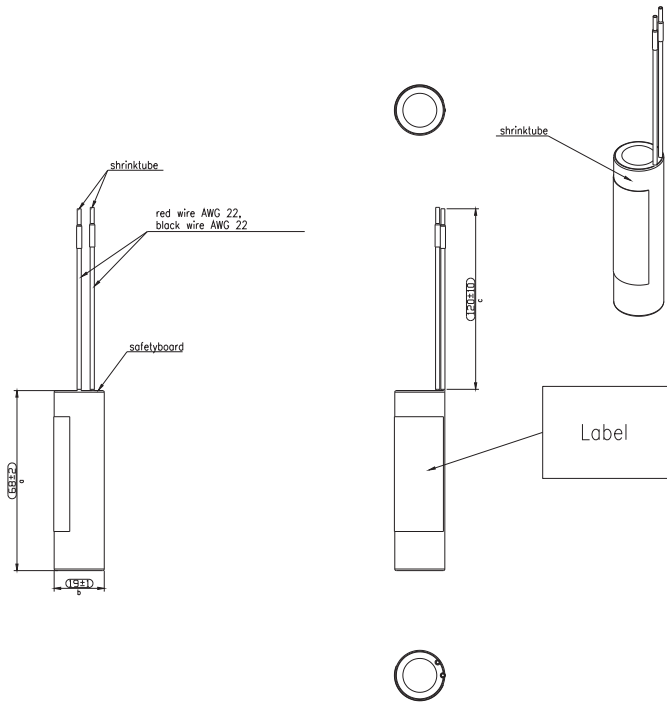


Technische Daten/ technical data	: Akku/ battery
Chemie/ chemistry	: Li-Ion
Zellenanzahl/ no. of cells	: 1 Zelle/ cell INR 18650 M26 LG
Kapazität/ capacity	: nom. 2600mAh discharge at 0,2C min. 2500mAh discharge at 0,2C to:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	: < 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
Nomineller 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 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	: 4.075V±50mV
Entladeabschaltspannung/ over discharge detection voltage	: 2.5V±100mV
Wiedereinschaltspannung/ over discharge release voltage	: 2.9V±100mV
Nomineller 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
Temperaturschalter/ 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

Allowable deviation general tolerances	Surface:	Material:	Weight
DIN ISO 2768-m		Scale (DIN A2): 1:1	1
Drawn by Date	Name	Projection method	
MS	MS	1st angle	
Product name: Li-Ion-3.6V-2600mAh-1s1p-PTC-M26		Part number 2347-3008-X06	Project: IS-00421
Application range for inquiry		AN-15-2013-00421	
Version	Change	Date	Name
V1	part number overview added	15.04.2019	DS
V2	correct over charge release voltage	12.03.2019	JK
V3	change request: DE-28-5013	01.06.2021	DS
V4	Standards updated	01.06.2021	DS

