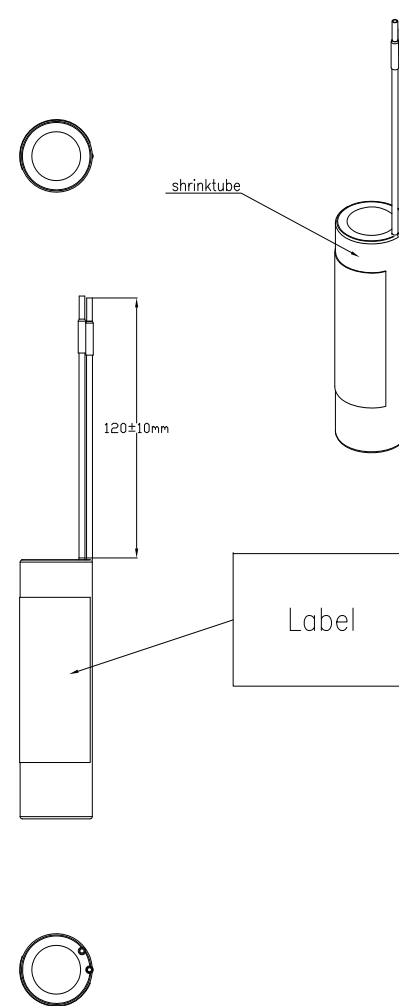
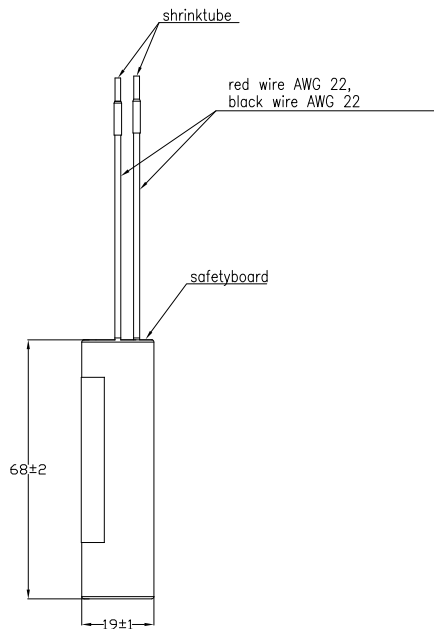


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Technische Daten/ technical data	: Akku/ battery
Chemie/ chemistry	: Li-Ion
Zellenzahl/ no. of cells	: 1 Zelle/ cell INR 18650 M26 LG
Kapazität/ capacity	: nom. 2600mAh discharge at 0.2C min. 2500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 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 defection	: 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
Temperaturumschalter/ 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 Aufladen/ cut load, release after charging up
Nettogewicht/ net weight	: 47.5g
Leiterplattenmaterial/ pcb material	: FR4
Standards	: CE



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

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00421			Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
			Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
			2019	Datum/Date	Name	Zeichnungsname/Drawing name Li-Ion Battery 3.6V 2600mAh with safetyboard
			Erstellt/ Drawn by	24.01.	MS†	
V2	PTC information added corrected over charge release voltage corrected over discharge release voltage	12.08.19	JX			
V1	part number overview added	15.04.19	DS			
V0	---	XX.XX.XX	XX			
Version Änderung/Change			Datum/Date Name		Ursprung/Origin Proj. IS-2013-00421	Ersatz für/Replaced by
					Ersatz durch/Replacement through:	
					Zeichnungsnummer/Drawing number Artikelnummer/Part number 2347-3008-XXX	
					Blatt Sheet 1	