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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  
 Nominale 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)  
 Anwendungsbereich/ 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 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

Nominale 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

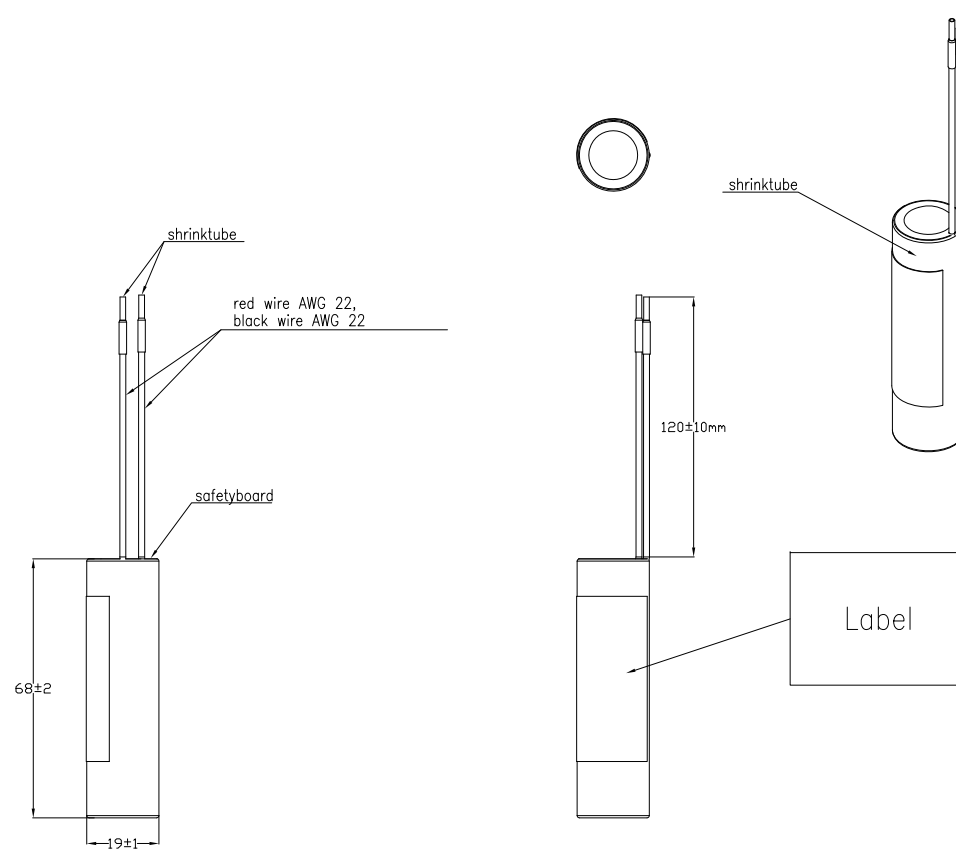
MOSFET : in Masse  
 in Gnd

Rückstellkriterium/ release condition : Last trennen, Aktiv nach 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	Zeichnungsname/Drawing name	
		Erstellt/ Drawn by	24.01.	MSt	Li-Ion Battery 3.6V 2600mAh with safetyboard
V2	PTC information added corrected over charge 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  
 2347-3008-XXX  
 Blatt/  
 Sheet  
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