

The supplier acknowledges that, with the acceptance of the drawing, he is obliged to manufacture the described part in accordance with the drawing in accordance with the requirements of the customer. The customer is not responsible for any damage caused by the use of the drawing. The customer is not responsible for any damage caused by the use of the drawing.

- Technische Daten/
 technical data : Akku/
 battery
 Chemie/
 chemistry : Li-Ion
 Zellenzahl/
 no. of cells : 1 Zelle/ cell 18650 LG B4
 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 : < 100m0hm (battery and safetyboard)
 Nominalspannung/
 nominal voltage : 3.7V
 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...+30°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 and IEC62133 2nd edition
 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 : 4.15V±50mV

Entladeabschaltspannung/
 over discharge detection voltage : 2.5V±100mV

Wiedereinschaltspannung/
 over discharge release voltage : 3V±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

Temperaturschalter/
 temperature switch : ---

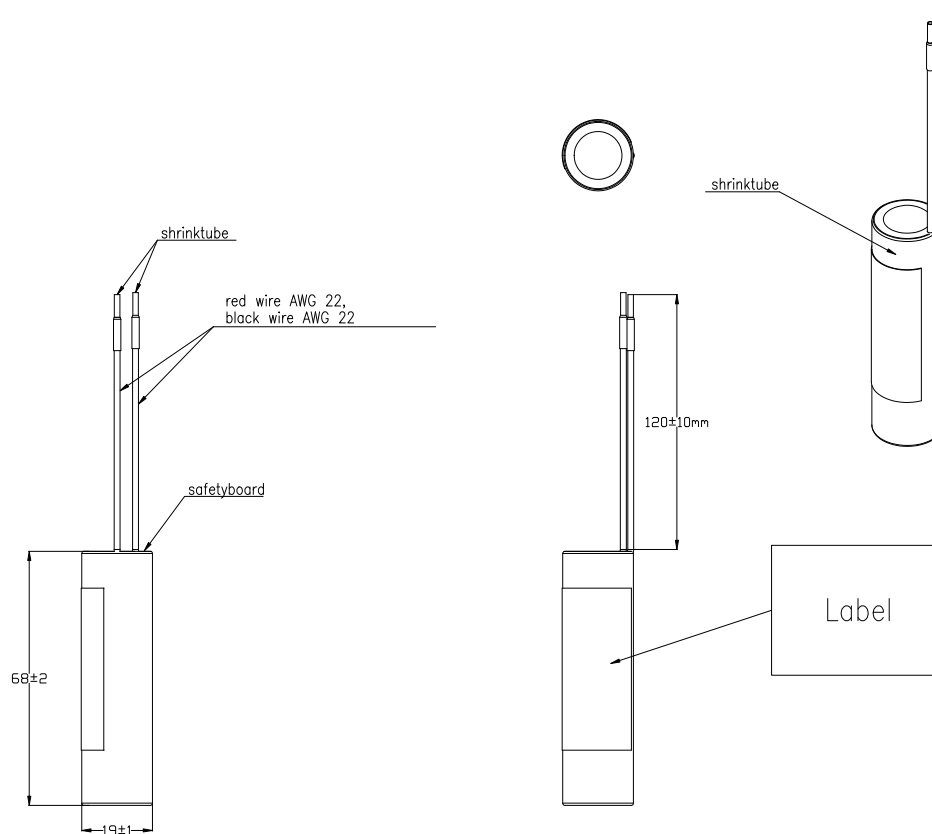
MOSFET : in Masse
 in Gnd

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



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.	
		2013	Datum/Date	Zeichnungsname/Drawing name	
		Zeichner/ Drawn by	23.10.	JE	Li-Ion Battery 3.7V 2600mAh with safetyboard
V2	label removed	18.12.17	DS	Zeichnungsnummer/Drawing number	
V1	description added	17.11.16	DS	Artikelnummer/Part number	
V0	technical data corrected	24.06.15	JH	2347-3008-01	
Version	Anderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00421	Ersatz für/Replaced by
				Ersatz durch/Replacement through	



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