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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
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 : ---

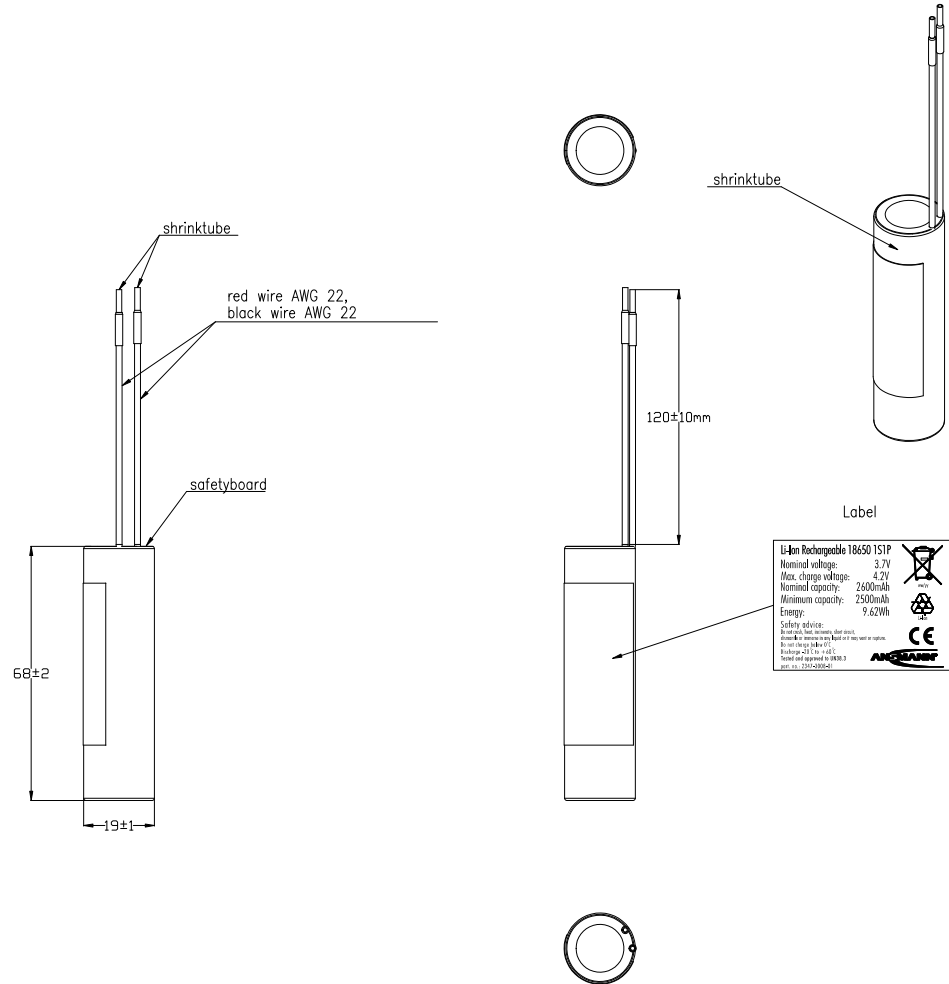
MOSFET : in Masse
in Gnd

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
							Zeichnungsnummer/Drawing number
							Artikelnummer/Part number
							2347-3008-01
							Blatt/ Sheet
							1
VO	technical data corrected	24.06.15	JH				
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj.	IS-2013-00421	Ersatz für/Replaced by	Ersatz durch/Replacement through