



THE DATASHEET OF
2447-0126-XX



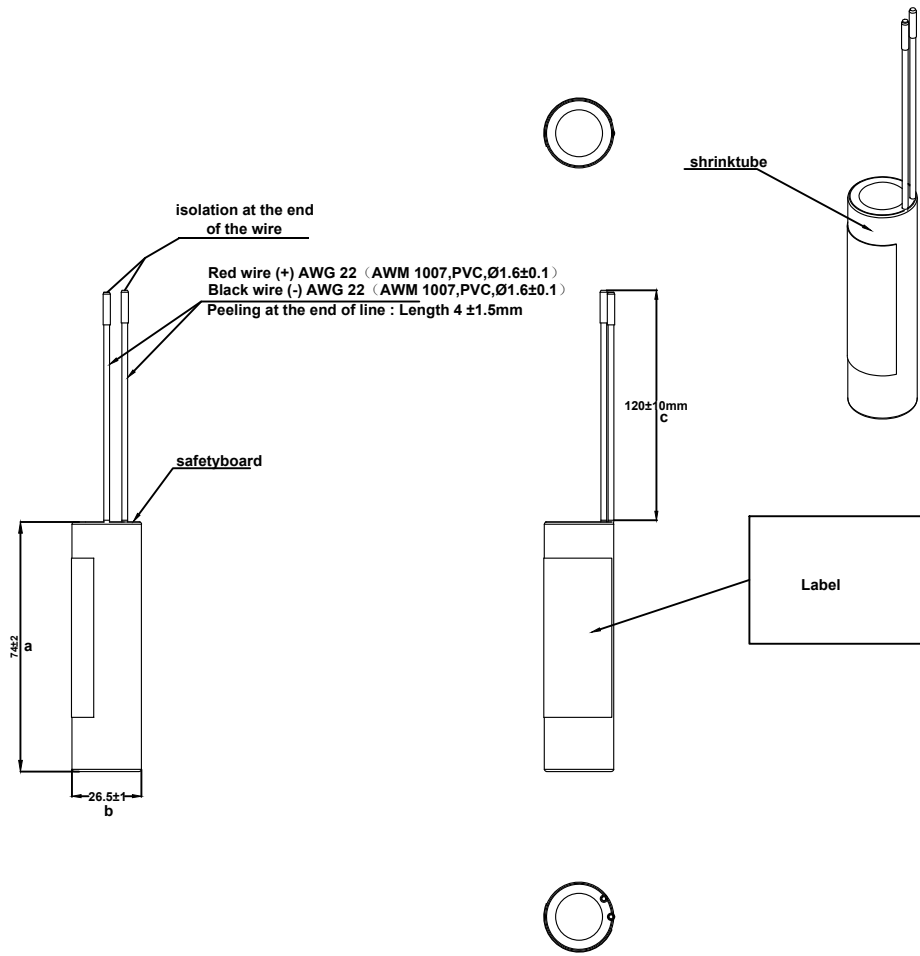
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- Technische Daten/ technical data** : Akkupack/ battery pack
Chemie/ chemistry : Lithium Fe
Kapazität/ capacity : nom. 4500mAh discharge at 0.2C
 min. 4400mAh discharge at 0.2C
 ta:25°C; EV(Discharge End Voltage): 2.0V per cell
 C=min capacity

Innenwiderstand/ impedance : -----
Nominalspannung/ nominal voltage : 3.2V
Standard Ladespannung/ standard charge voltage : 3.6V
Überladeschutzspannung/ over charge voltage detection : 3.65 V ± 25mV
Wiedereinschaltspannung/ over charge release voltage : 3.5 V ± 50mV
Entladeabschaltspannung/ over discharge detection voltage : 2.55 V ± 80mV
Wiedereinschaltspannung/ over discharge release voltage : 2.95 V ± 100mV
Maximaler Ladestrom/ maximum charge current : 2.2A
Ladeendstrom/ charge end current : 44mA
Maximaler Entladestrom/ maximum discharge current : 4.4A
Entlade Abschaltstrom/ discharge cut off current : 6.5A ± 1.5 A
Kurzschlusschutz/ short circuit protection : gegen äußeren Kurzschluss/ against external short circuit
Rückstellkriterium/ release condition : Last trennen, Aktiv nach Anladen/ cut load, release after charging up

Anwendungstemperaturbereich/ ambient temperature range : 0°C...+55°C charge
 -20°C...+60°C discharge
 -20°C...+25°C storage max. 1 year
 -20°C...+45°C storage max. 3months

Standards/ : 1. UN 3480, Subsection 38.3
 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3



Remarks:
 V2 modify list:
 1. Update Standards/
 2. Update cable information

Application range for inquiry		Allowable deviation general tolerances	Tolerance principle:	Model:	Material:	Weight:
		DIN ISO 2768-m	ISO 8015	Scale (DIN A2): 1:1	All dimensions in mm	97g
		Date	Name	Drawing name		
		Drawn by	Hong	Li-Fe-3,2V-4,5Ah-1s1p-PTC-BAK		
		Approved by		Drawing number Part number		
				2447-0126		Sheet 1/1
V3	Update Part number	2024.12.05	Hong			
V2	Update ref remarks	2024.12.04	Hong			
V1	Update battery type	2024.10.07	Hong			
V0	Create this file	2024.01.25	Hong			
Version	Change	Date	Name	Project:	Replaced by:	Replacement through:

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