



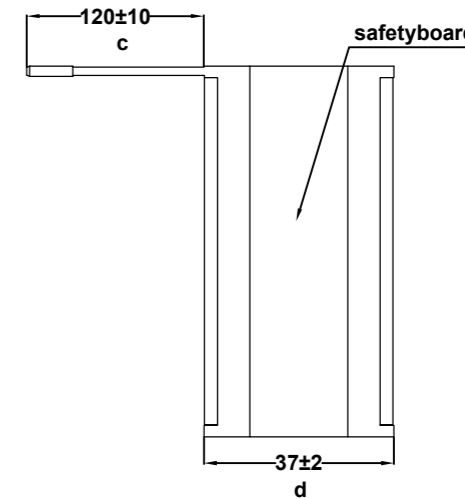
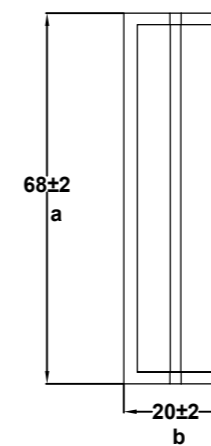
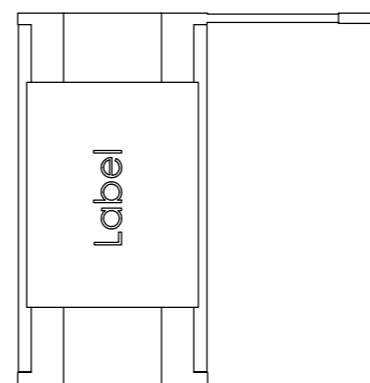
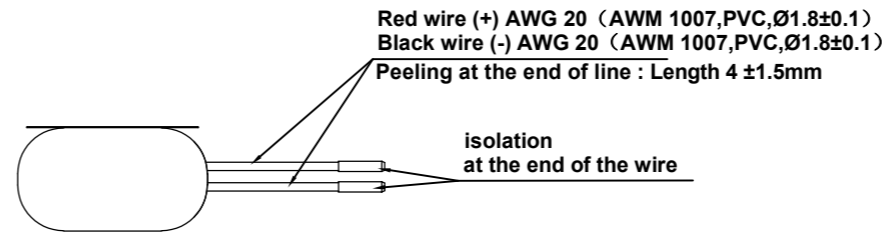
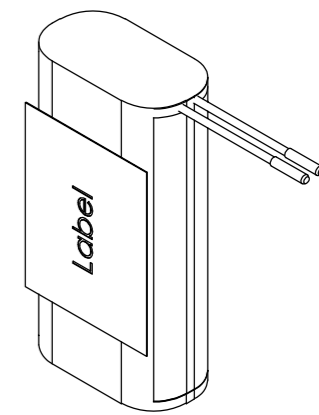
THE DATASHEET OF
2447-3033-50-XX



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The supplier acknowledges that, with the acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and series production. Through the selected manufacturing processes no impairments will arise in the material and structure which could subsequently lead to an impairment of the component. Verbal agreements over and above that are not valid. Deviations from this rule must be written and must be signed by the purchaser.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	2 Zellen/ cells INR18650-CQ-BAK; 1S2P
Kapazität/ capacity	:	nom. 5100mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
Innenwiderstand/ impedance	:	-----
Nominalspannung/ nominal voltage	:	3.6 V
Standard Ladespannung/ standard charge voltage	:	4.2 V
Überladeschutzspannung/ over charge voltage detection	:	4.275 V ± 50mV
Wiedereinschaltspannung/ over charge release voltage	:	4.075 V ± 65mV
Entladeabschaltspannung/ over discharge detection voltage	:	2.5 V ± 100mV
Wiedereinschaltspannung/ over discharge release voltage	:	2.9 V ± 100mV
Nominaler Ladestrom/ nominal charge current	:	2.5 A
Maximaler Ladestrom/ maximum charge current	:	5.0 A
Ladeendstrom/ charge end current	:	50 mA
Maximaler Entladestrom/ maximum discharge current	:	6.7 A
Entlade Abschaltstrom/ discharge cut off current	:	11.0 A ± 3 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...+45°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 batterypacks type tested according to UN manual of test and criteria subsection 38.3



batterypack covered with 1 layer of blue shrinktube

- Remarks:
V7 modify list:
1. Update height tolerance to ±2mm
2. Update drawing format
3. Update cable information

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
		DIN ISO 2768-m		ISO 8015		Scale (DIN A2): 1:1		All dimensions in mm	
		2013		Date		Name		Weight: 100g	
V7 Updated remarks		2024.11.04 HONG		Drawn by 17.05.		JE		Drawing name	
V6 Updated text font		2023.05.26 HONG		Approved by				Li-Ion-3.6V-5100mAh-1s2p-CQ-BAK	
V5 Modify discharge cut off current		2022.10.28 HONG							
V4 Add capacity information		2022.04.13 HONG							
V3 Updated current parameter		2022.01.13 HONG							
V2 Updated parameter		2022.01.11 HONG				Drawing number		Sheet	
V1 Change request: DE-15-0022		23.05.17 JE				Part number		1/1	
Version Change		Date		Name		Project: 710579		Replaced by: Replacement through:	

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- ✓ Shortage Management
- ✓ Alternative Solution
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