



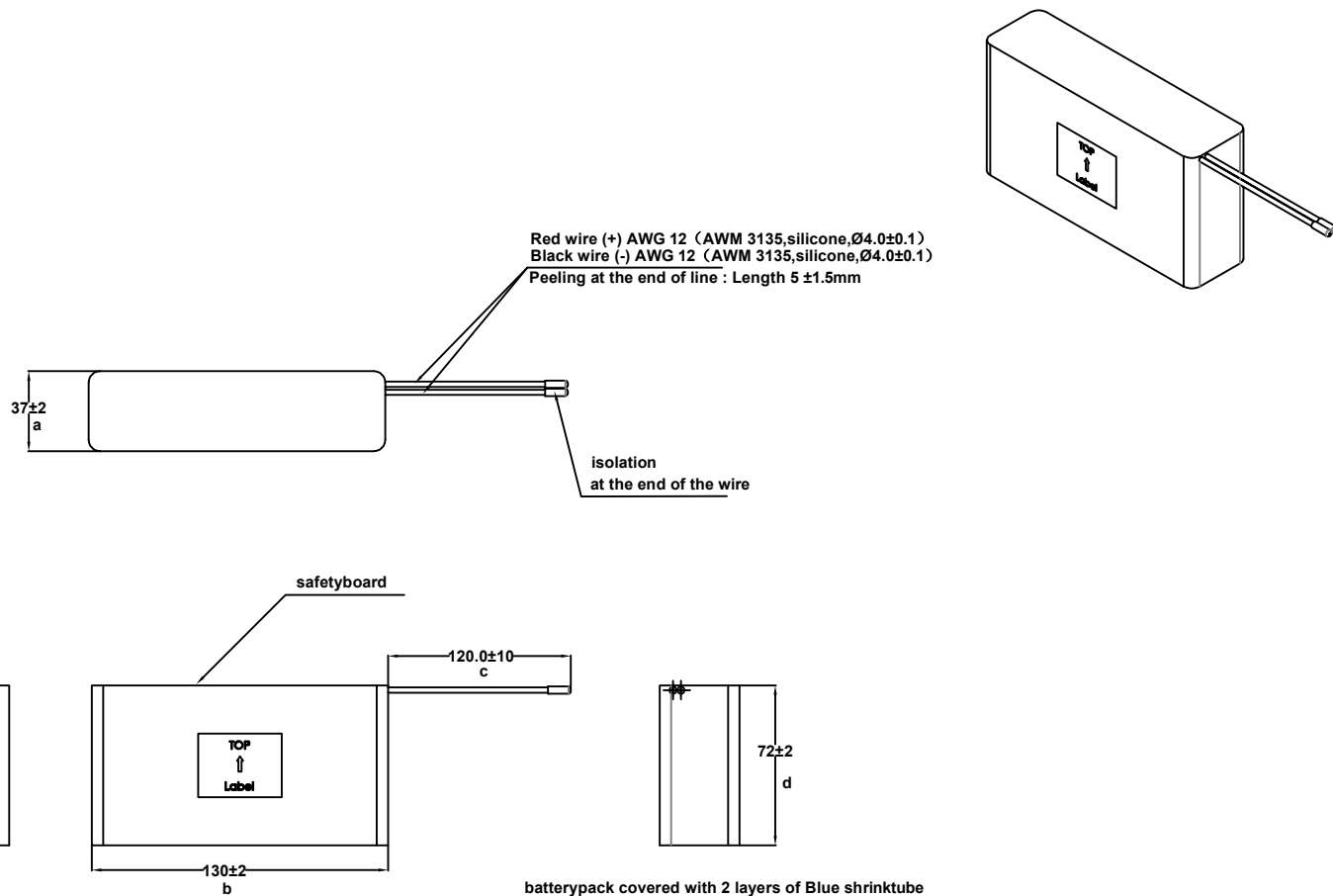
**THE DATASHEET OF**  
**2447-0071-50-XX**



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Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	14 Zellen/ cells INR18650-CQ-BAK; 2S7P
Kapazität/ capacity	:	nom. 17.85Ah discharge at 0.2C min. 17.5Ah discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell C=min capacity
Nominalspannung/ nominal voltage	:	7.2 V
Standard Ladespannung/ standard charge voltage	:	8.4 V
Überladeschutzspannung/ over charge voltage detection	:	8.56 V ± 100mV
Wiedereinschaltspannung/ over charge release voltage	:	8.16 V ± 100mV
Entladeabschaltspannung/ over discharge detection voltage	:	5.6 V ± 160mV
Wiedereinschaltspannung/ over discharge release voltage	:	6.0 V ± 200mV
Nominaler Ladestrom/ nominal charge current	:	8.75 A
Maximaler Ladestrom/ maximum charge current	:	17.5 A
Ladeendstrom/ charge end current	:	0.175 A
Maximaler Entladestrom/ maximum discharge current	:	23.45 A
Entlade Abschaltstrom/ discharge cut off current	:	43.5A± 8.5A
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/ :



- Remarks:  
V3 modify list:  
1. Update height tolerance to ±2mm  
2. Update cable information  
3. UPdate drawing format

Application range for inquiry		Allowable deviation general tolerances		Tolerance principle:		Model:		Material:	
						Scale (DIN A2): 1:1		All dimensions in mm	
						Drawing name		Weight: 700g	
						Li-Ion-7.2V-17.85Ah-2s7p-CQ-BAK			
						Drawing number		Sheet	
						Part number		1/1	
						Replaced by:		Replacement through:	
						Version		Date	
						Name		Project: 710579	



## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View 2447-0071-50-XX on WIN SOURCE](#)
- ⊖ [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

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