

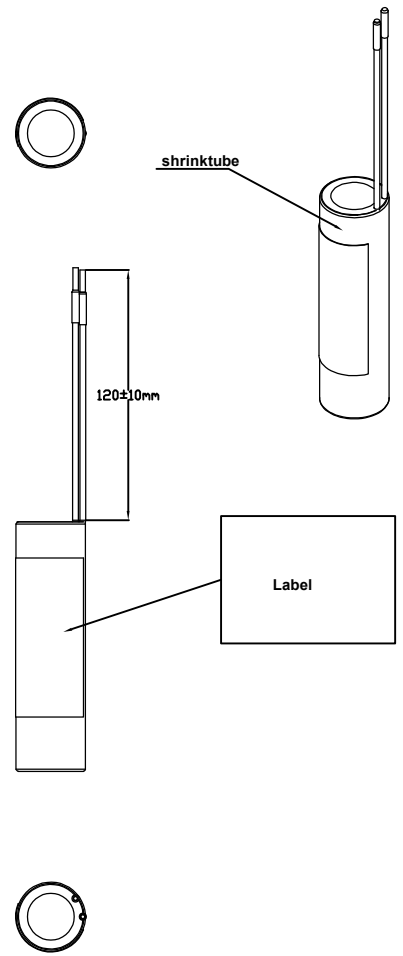
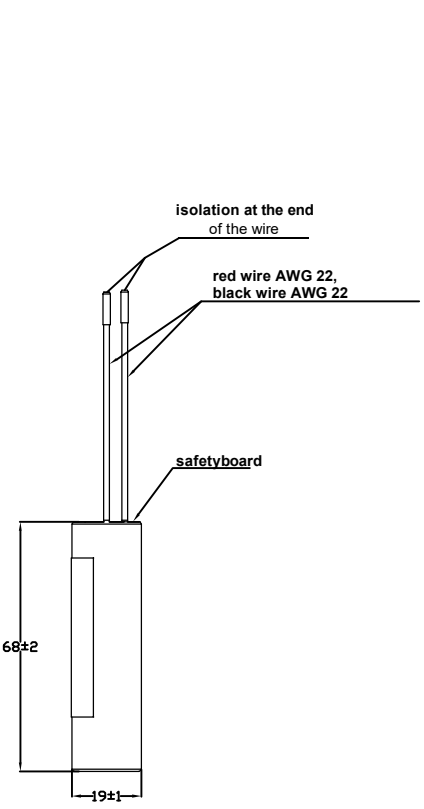


**THE DATASHEET OF**  
**2447-0123-XX**



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- Technische Daten/ technical data** : Akkupack/ battery pack  
**Chemie/ chemistry** : Lithium Ion  
**Kapazität/ capacity** : nom. 2550mAh discharge at 0.2C  
 min. 2500mAh discharge at 0.2C  
 ta:25°C; EV(Discharge End Voltage): 2.75V per cell  
 C=min capacity  
  
**Innenwiderstand/ impedance** : -----  
**Nominalspannung/ nominal voltage** : 3.6V  
**Standard Ladespannung/ standard charge voltage** : 4.2V  
**Überladeschutzspannung/ over charge voltage detection** : 4.28 V ± 20mV  
**Wiedereinschaltspannung/ over charge release voltage** : 4.28 V +20 mV  
 -35 mV  
**Entladeabschaltspannung/ over discharge detection voltage** : 2.8 V ± 35mV  
**Wiedereinschaltspannung/ over discharge release voltage** : 2.8 V ± 35mV  
**Nominaler Ladestrom/ nominal charge current** : 1.25A  
**Maximaler Ladestrom/ maximum charge current** : 2.5A  
**Ladeendstrom/ charge end current** : 25mA  
**Maximaler Entladestrom/ maximum discharge current** : 5.0A  
**Entlade Abschaltstrom/ discharge cut off current** : 6.0A ± 0.8 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  
  
**Selbstentladung/ self discharge** : ≤ 5% / month at20°C  
 ≤ 10% / month at30°C  
 ≤ 20% / month at40°C  
  
**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  
 2. CE



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	
		2021		Date		Name		Drawing name	
		Drawn by		2023.11.12		Hong		Li-Ion-3.6V-2550mAh-PTC_1s1p-CQ-BAK	
		Approved by						Drawing number	
								2447-0123	
Version		Change		Date		Name		Project:	
V1		Change c to a specific value		2024.01.10		Hong		Replaced by:	
V0		Create this file		2023.11.12		Hong		Replacement through:	
								Sheet 1/1	



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

Click below to explore more details on WIN SOURCE:

- ⊖ [View 2447-0123-XX on WIN SOURCE](#)
- ⊖ [ANSMANN \(Huizhou\) Trading CO., LTD Information](#)

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