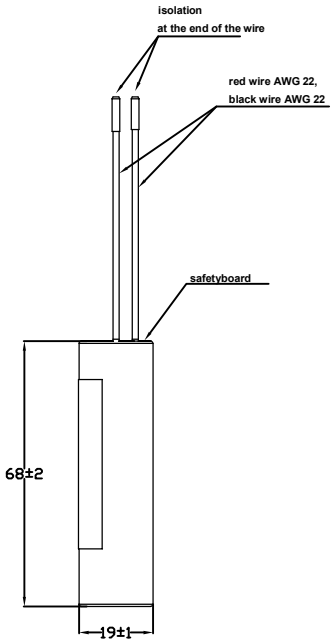
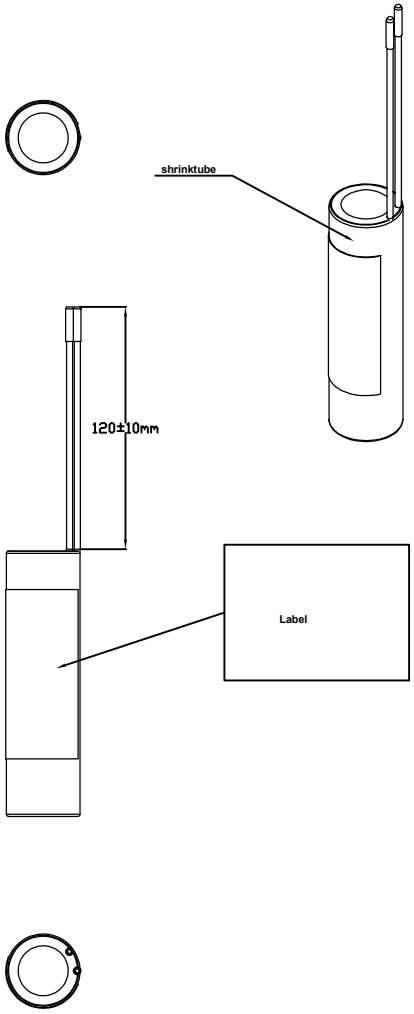
The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible from and series production. Through the selected manufacturing processes no impairments will arise in the material and structure which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

This drawing may not be copied, reproduced or made available to third parties in any way whatsoever without or prior written approval.

| | | |
|---|---|---|
| Technische Daten/ technical data | : | Akku/ battery |
| Chemie/ chemistry | : | Li-Ion |
| Zellenzahl/ no. of cells | : | 1 Zelle/ cell INR18650-CP-bu/BAK |
| Kapazität/ capacity | : | nom. 3350mAh discharge at 0.2C<br>min. 3250mAh discharge at 0.2C<br>ta:20°C; EV(Discharge End Voltage): 2.5V per cell<br>C=min capacity |
| Innenwiderstand/ impedance | : | ------ |
| Nominalspannung/ nominal voltage | : | 3.6V |
| Standard Ladespannung/ standard charge voltage | : | 4.2V±1% |
| Überladeschutzspannung/ over charge voltage detection | : | 4.275V±50mV |
| Wiedereinschaltspannung/ over charge release voltage | : | 4.075V±65mV |
| Entladeabschaltspannung/ over discharge detection voltage | : | 2.5V±100mV |
| Wiedereinschaltspannung/ over discharge release voltage | : | 2.9V±100mV |
| Nominaler Ladestrom/ nominal charge current | : | 1625 mA |
| Maximaler Ladestrom/ maximum charge current | : | 3250 mA |
| Ladeendstrom/ charge end current | : | 32.5 mA |
| Maximaler Entladestrom/ maximum discharge current | : | 3.35A |
| Entlade Abschaltstrom/ discharge cut off current | : | 4.5A---6.8A |
| Kurzschlussschutz/ 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<br>-20°C...+60°C discharge<br>-20°C...+20°C storage max. 1 year<br>-20°C...+45°C storage max. 3months |
| Standards/ | : | UN 3480, Subsection 38.3<br>All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3<br>IEC62133-2 |




| Version | Change | Date | Name |
|---|---|---|---|
| V5 | updated parameter remark | 2024.02.01 | HONG |
| V4 | updated text font | 2023.05.26 | HONG |
| V3 | Modify parameter remark | 2022.03.03 | HONG |
| V2 | Modify parameter remark | 2022.01.13 | HONG |
| V1 | updated parameter | 2021.12.27 | HONG |
| V0 | --- | 23.02.'21 | MST |

Application range for inquiry

Allowable deviation general tolerances: DIN ISO 2768-m

Tolerance principle: ISO 8015

| 2021 | Date | Name |
|---|---|---|
| Drawn by | 23.02. | MST |
| Approved by | | |

Project: 710579

Model:

Material:

Scale (DIN A2): 1:1

All dimensions in mm

Weight:

Drawing name

Li-Ion-3.6V-3350mAh-CP-BAK

Drawing number / Part number: 2347-3008-40

Sheet: 1/1

Replaced by:

Replacement through: