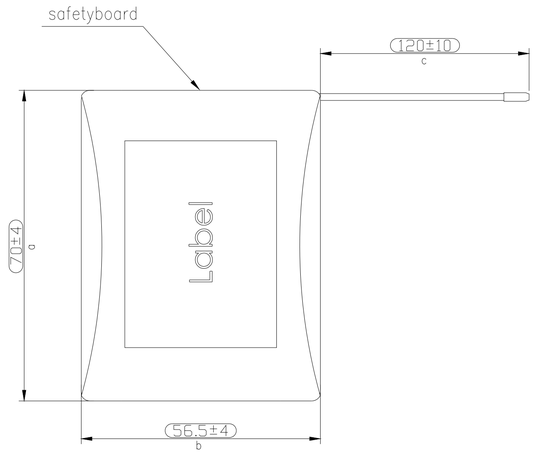
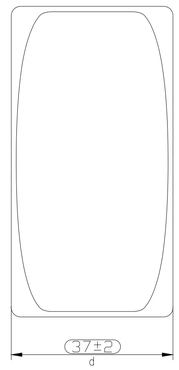
The supplier acknowledges that, with the acceptance of the drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible from and series production. Through the selected manufacturing processes no properties will arise in the material which subsequently could adversely affect 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.

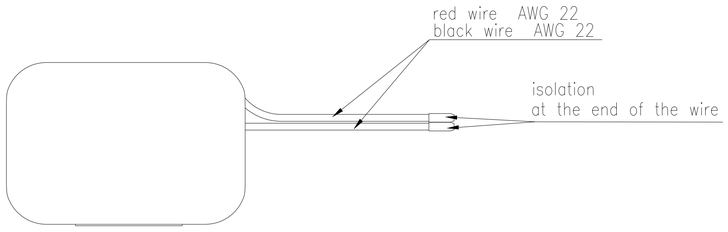
This drawing may not be copied, reproduced or made available to third parties in any way whatsoever without or prior written approval.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	6 Zellen/ cells ; 3S2P
Zellentyp cell type	:	INR18650 M26 LG
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 120mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	10.8V
Standard Ladespannung/ standard charge voltage	:	12.6V±1%
Standard Entladespannung/ standard discharge voltage	:	8.25V
Maximaler Ladestrom/ maximum charge current	:	5A (limited by safety board)
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	5A (limited by safety board)
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge −20°C...+60°C discharge −20°C...+20°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/	:	UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3
Überladeschutzspannung/ over charge voltage detection	:	4.35V±25mV per cell
Wiedereinschaltspannung/ over charge release voltage	:	4.15V±50mV per cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.4V±80mV per cell
Wiedereinschaltspannung/ over discharge release voltage	:	3V±100mV per cell
Entlade Abschaltstrom/ discharge cut off current	:	12A± 2A
Kurzschlussschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Temperarurschalter/ temperature switch	:	PTC: JK-P730 20V/ 7.3A at 25°C ; 6.2A at 40°C
MOSFET	:	im Pluszweig in positive path
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	:	280g
Standards	:	CE, UKCA



batterypack covered with 2 layers of blue shrinktube





Part Number	SAP Description
2447-3050-03	Li-Ion-10.8V-5200mAh-3S2P-M26
2447-3050-203	Li-Ion-10.8V-5200mAh-3S2P-M26/UK

Version	Change	Date	Name
V3	standards changed	09.06.2021	DS
V2	change request: DE-20-5013	24.03.2020	MSt
V1	part number overview added	15.04.2019	DS

Allowable deviation general tolerances		Surface:
DIN ISO 2768-m		
	Date	Name
Drawn by	28.01.2019	MSt
Changed by		

ANSMANN®

Material:		Weight
Scale (DIN A2): 1:1	Projection method	1
Product name: Li-Ion-10.8V-5200mAh-3S2P-M26		
Part number 2447-3050-X03	Project: IS-00429	
Application range for inquiry IS-2013-00429		Sheet 1/1