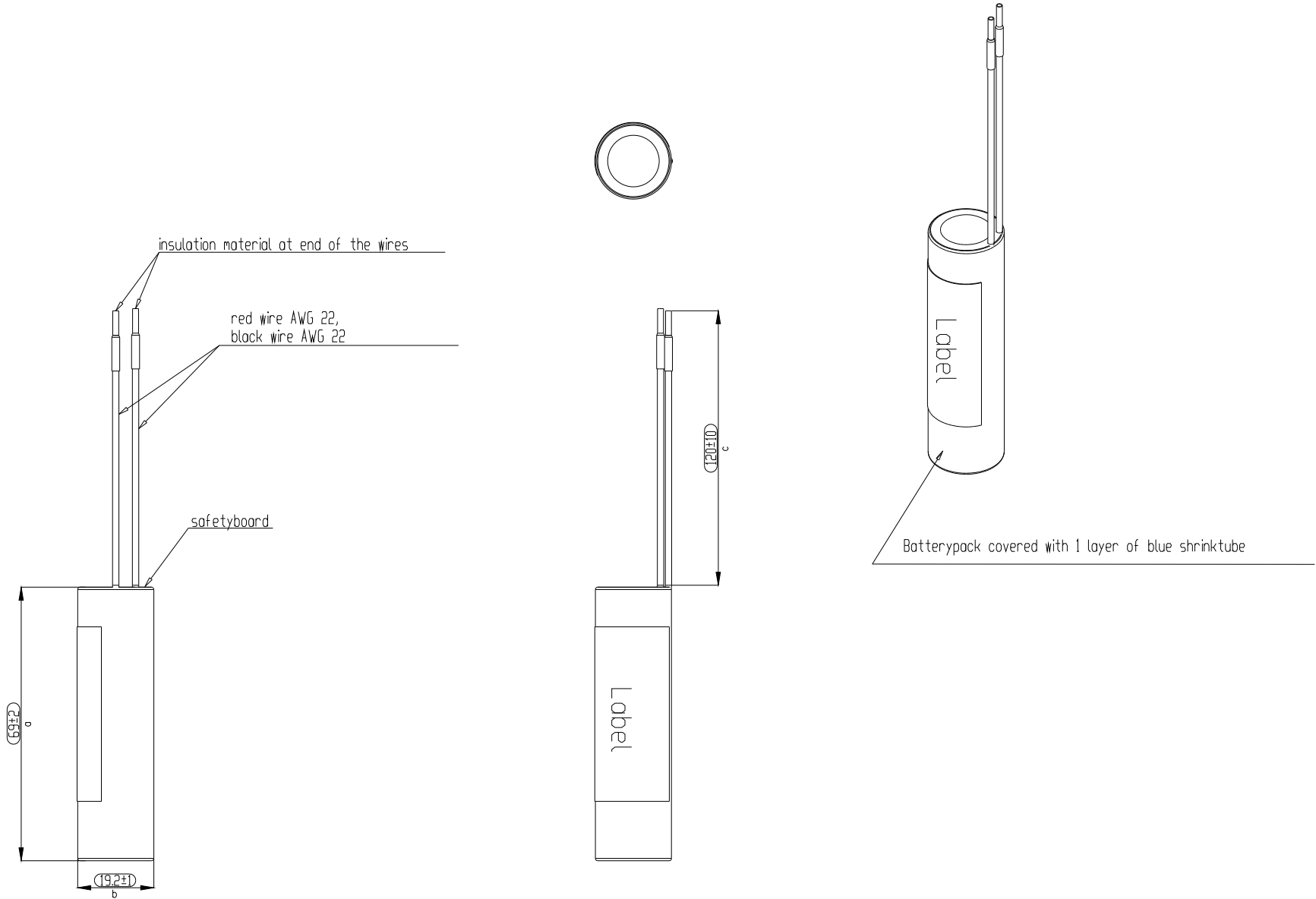


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
A	Technische Daten/ technical data			:	Akku/ battery													
	Chemie/ chemistry			:	Lithium Ion													
	Zellenzahl/ no. of cells			:	1 Zelle/ cell; 1S1P													
B	Zellentyp/ cell type			:	INR18650 LGC MJ1													
	Kapazität/ capacity			:	nom. 3500mAh discharge at 0.2C min. 3350mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.5V per cell													
C	Innenwiderstand/ impedance			:	< 140mOhm (battery and safetyboard)													
	Nominalspannung/ nominal voltage			:	3.635V													
	Standard Ladespannung/ standard charge voltage			:	4.2V±1%													
D	Standard Entladespannung/ standard discharge voltage			:	2.5V per cell													
	Nominaler Ladestrom/ nominal charge current			:	0.5C													
	Maximaler Ladestrom/ maximum charge current			:	2500mA (limited by safetyboard)													
E	Ladeendstrom/ charge end current			:	0.01C recommended													
	Maximaler Entladestrom/ maximum discharge current			:	2500mA (limited by safetyboard)													
F	Anwendungstemperaturbereich/ ambient temperature range			:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+30°C storage max. 1 year -20°C...+45°C storage max. 3months													
G	Selbstentladung/ self discharge			:	≤ 5% / month at20°C ≤ 10% / month at30°C ≤ 20% / month at40°C													
H	Standards/			:	UN 3480, Subsection 38.3 All cells and batterypacks type tested according to UN manual of test and criteria subsection 38.3													
I	Technische Daten/ technical data			:	Sicherheitsschaltung/ safety board (0180-3201)													
J	Überladeschutzspannung/ over charge voltage detection			:	4.325V±0.05V													
	Wiedereinschaltspannung/ over charge release voltage			:	4.075V±0.1V													
	Entladeabschaltspannung/ over discharge detection voltage			:	2.5V±0.1V													
	Wiedereinschaltspannung/ over discharge release voltage			:	2.9V±0.1V													
	Nominaler Lade/Entladestrom/:			:	2.5A													
	Entlade Abschaltstrom/ discharge cut off current			:	5A±1A													
K	Kurzschlusschutz/ short circuit protection			:	gegen äußeren Kurzschluss/ against external short circuit													
	Temperaturumschalter/ temperature switch			:	PTC : SMD1812R400SF; 6V/4A at 25°C; 3.41A at 40°C													
	MOSFET			:	in Masse in Gnd													
L	Rückstellkriterium/ release condition			:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up													
	Leiterplattenmaterial/ pcb material			:	FR4													
	Nettogewicht/ net weight			:	50.2g													
M	Standards			:	CE, UKCA													



Part Number	SAP Description
2347-3008-20	Li-Ion-3.63V-3500mAh-1S1P-PTC/LG
2347-3008-220	Li-Ion-3.63V-3500mAh-1S1P-PTC/UK

				Allowable deviation general tolerances	Surface:	Material:			Weight
				DIN ISO 2768-m		Scale (DIN A2): 1:1		Projection method	1
					Date	Name	Product name:		
				Drawn by	13.09.2016	JX	Li-Ion-3.63V-3500mAh-1S1P-PTC/LG		
V5	standards updated	07.06.2021	DS	Changed by			Part number 2347-3008-X20		
V4	change request: DE-20-5013	13.02.2020	MSt				Project: IS-01263		
V3	part number overview added	15.04.2019	DS				Application range for inquiry		
V2	cable length changed	16.01.2018	DS				XXX/XX		
V1	change request DE-17-0071	14.11.2017	DS				Sheet 1/1		
V0	created this D/S	31.10.2016	JX						
Version	Change	Date	Name						

