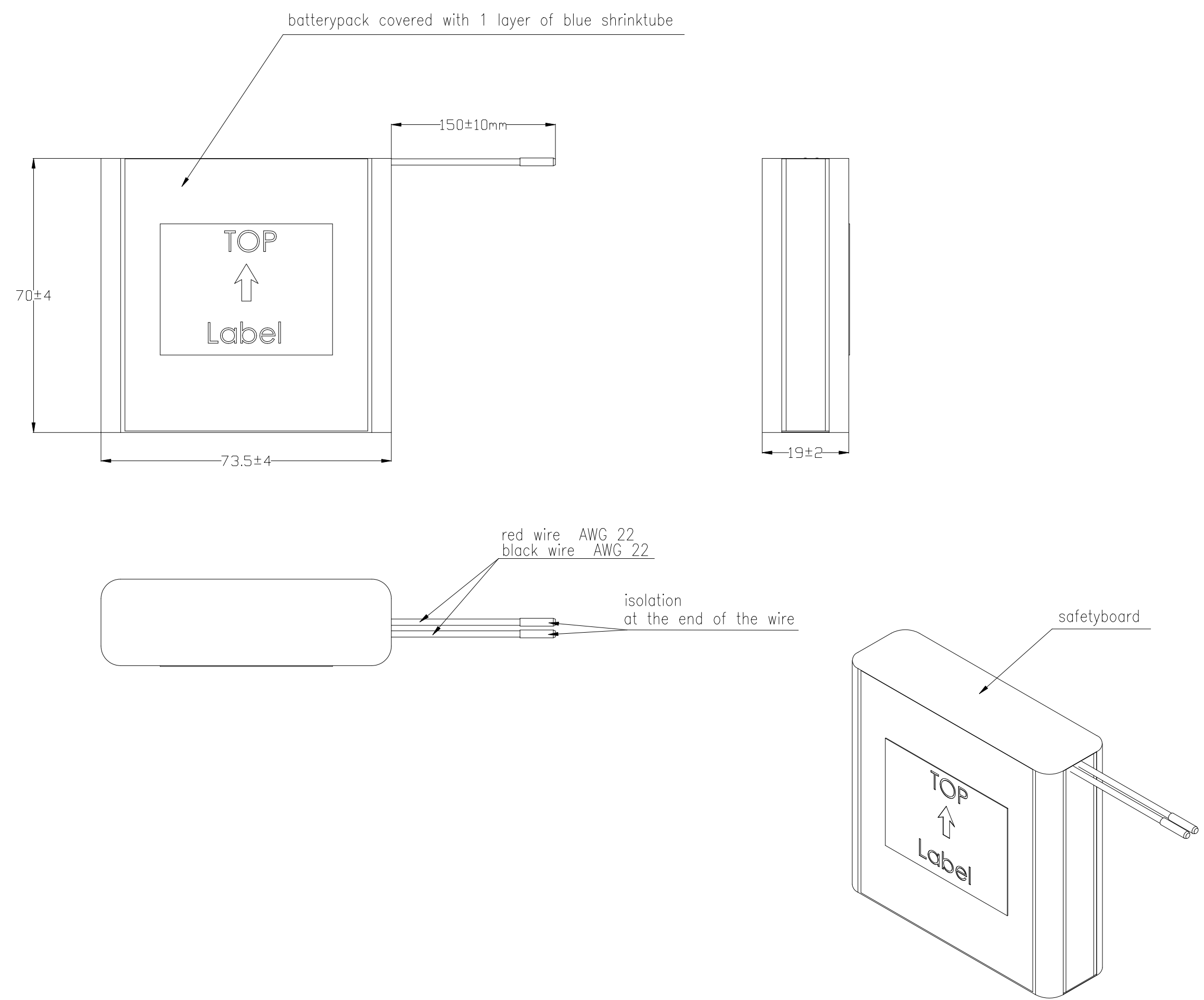


The supplier acknowledges that, with the acceptance of the drawings, he is in a position to manufacture the illustrated part in accordance with the drawings in reproducible form and series production. Through the selected manufacturing processes in compliance with the material and structure which could subsequently lead to an impairment of the components. Verbal agreements over and above that are not valid. Deviations from this rule must be written and must be signed by the purchaser.

Technische Daten/ technical data	:	Akkupack/ Batterypack
Chemie/ chemistry	:	Lithium Ion
Zellentyp/ Cell type	:	ICR18650 LGC B4
Zellenzahl/ no. of cells	:	4 Zellen/ cells ; 2S2P
Kapazität/ capacity	:	nom. 5200mAh discharge at 0.2C min. 5000mAh discharge at 0.2C  ta:20°C; EV(Discharge End Voltage): 5.5V
Innenwiderstand/ impedance	:	< 120mOhm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	7.4V
Standard Ladespannung/ standard charge voltage	:	8.4V±1%
Nominaler Ladestrom/ nominal charge current	:	0.5C
Maximaler Ladestrom/ max. charge current	:	5000mA (limited by safetyboard)
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	5000mA (limited by safetyboard)
Anwendungstemperaturbereich/ ambient temperature range	:	0°C...+45°C charge -20°C...+60°C discharge -20°C...+30°C storage max. 1 year
Standards/	:	UN 3480, Subsection 38.3 All cells and battery packs type tested according to UN manual of test and criteria subsection 38.3
Technische Daten/ technical data	:	Sicherheitsschaltung/ safety board
Abschaltspannung/ over charge voltage detection	:	8.6V±50mV
Wiedereinschaltspannung/ over charge release voltage	:	8.2V±100mV
Entladeabschaltspannung/ over discharge detection voltage	:	4.8V±100mV
Wiedereinschaltspannung/ over discharge release voltage	:	6V±100mV
Nominaler Entladestrom/ nominal discharge current	:	5A continuous
Entlade Abschaltstrom/ discharge cut off current	:	13A± 3A
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
Standards	:	CE



Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2012-00431		Zul. Abweichung/ Allowable deviation	Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1	Gewicht/Weight
		Allgemeintoleranz DIN ISO 2768-m		Werkstoff/Work material, Modell-Nr.	
		2013	Datum/Date Name	Zeichnungsname/Drawing name	
		Erstellt/ Drawn by	23.10.	Li-Ion Battery 7.4V 5200mAh with safetyboard	
				Zeichnungsnummer/Drawing number Artikelnummer/Part number	Blatt/ Sheet
				2447-3043-01	1
V1	change request: DE-15-0022	15.01.16	MSt		
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00431	Ersatz für/Replaced by Ersatz durch/Replacement through:

