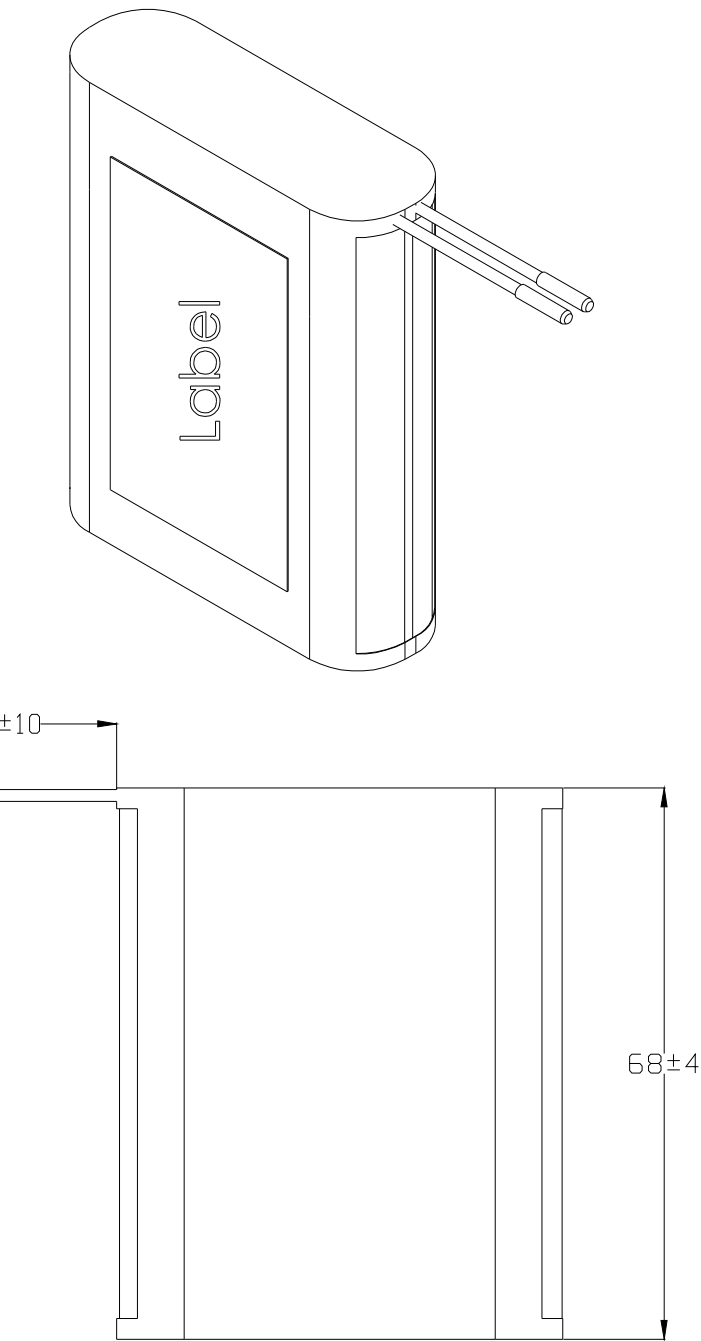
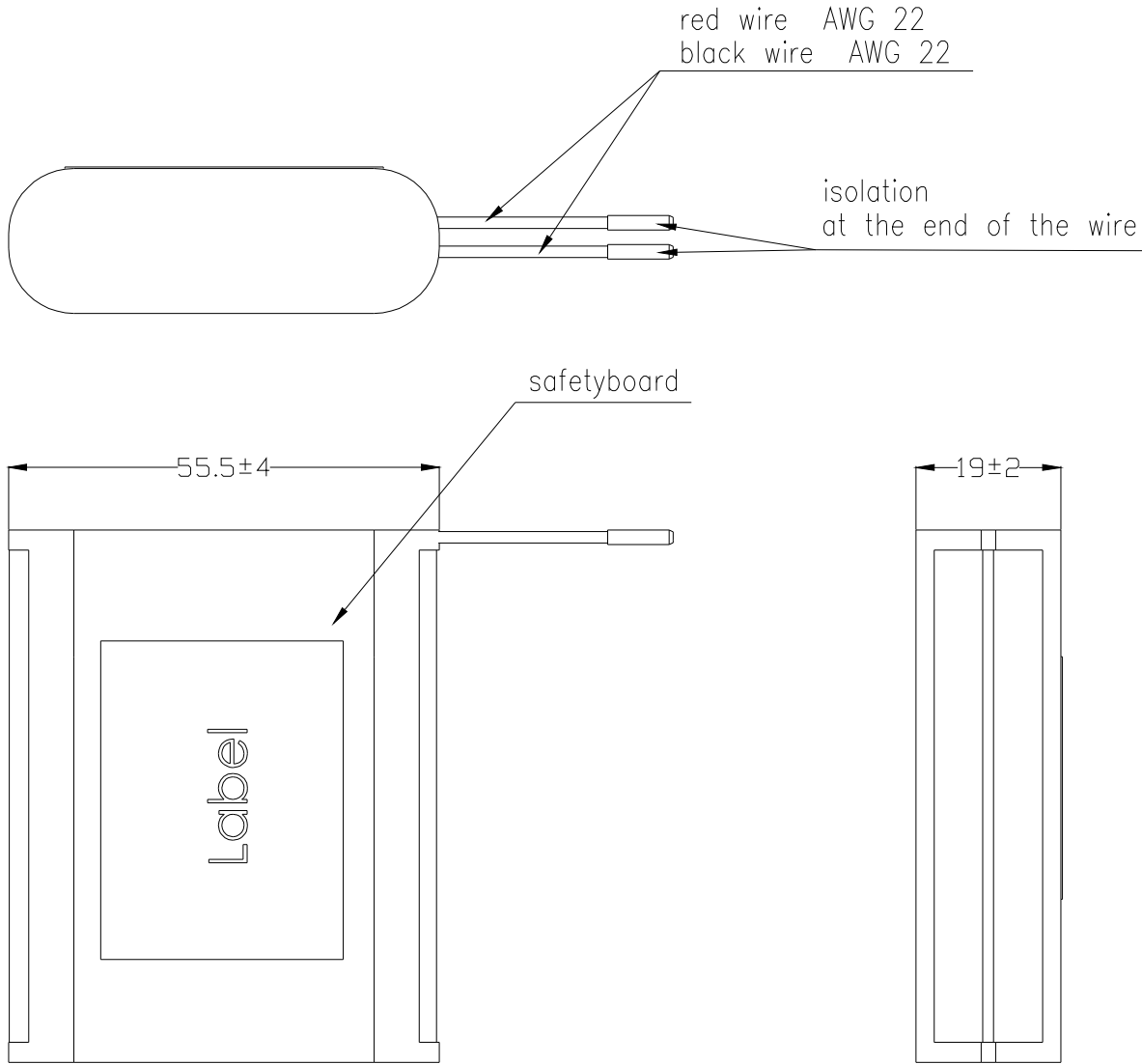


The supplier acknowledges that, with the acceptance of this drawing, he is in a position to manufacture the illustrated part in accordance with the drawing in reproducible form and to deliver it in the required quantity and quality. He is not liable for any damage or injury to persons or property resulting from the use of the drawing or from the use of the part manufactured in accordance with the drawing. Verbal agreements over and above that are not valid. Deviations from this rule must be written 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 prior written approval.

Technische Daten/ technical data	:	Akkupack/ batterypack
Chemie/ chemistry	:	Lithium Ion
Zellenzahl/ no. of cells	:	3 Zellen/ cells INR18650 M26 LG ; 1S3P
Kapazität/ capacity	:	nom. 7800mAh discharge at 0.2C min. 7500mAh discharge at 0.2C ta:20°C; EV(Discharge End Voltage): 2.75V per cell
Innenwiderstand/ impedance	:	< 70m0hm (battery and safetyboard)
Nominalspannung/ nominal voltage	:	3.6V
Standard Ladespannung/ standard charge voltage	:	4.2V±1%
Standard Entladespannung/ standard discharge voltage	:	2.75V
Nominaler Ladestrom/ nominal charge current	:	3000mA (limited by safetyboard)
Maximaler Ladestrom/ maximum charge current	:	3000mA (limited by safetyboard)
Ladeendstrom/ charge end current	:	0.01C recommended
Maximaler Entladestrom/ maximum discharge current	:	3000mA (limited by safetyboard)
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



Part Number	SAP Description
2447-3034-03	Li-Ion-3.6V-7800mAh-1S3P-M26
2447-3034-203	Li-Ion-3.6V-7800mAh-1S3P-M26/UK

Technische Daten/ technical data	:	Sicherheitsschaltung/ safety board
Überladeschutzspannung/ over charge voltage detection	:	4.325V±0.05V per cell
Wiedereinschaltspannung/ over charge release voltage	:	4.075V±0.1V per cell
Entladeabschaltspannung/ over discharge detection voltage	:	2.5V±0.1V per cell
Wiedereinschaltspannung/ over discharge release voltage	:	2.9V±0.1V per cell
Nominaler Lade/Entladestrom/ nominal operating current	:	3A
Entlade Abschaltstrom/ discharge cut off current	:	8.5A± 2A
Kurzschlusschutz/ short circuit protection	:	gegen äußeren Kurzschluss/ against external short circuit
Temperaturschalter/ temperature switch	:	PTC : JK-P450 20V/4.5A at 25°C; 3.9A at 40°C
MOSFET	:	in Masse in Gnd
Rückstellkriterium/ release condition	:	Last trennen, Aktiv nach Anladen/ cut load, release after charging up
Nettogewicht/ net weight	:	140g
Leiterplattenmaterial/ pcb material	:	FR4
Standards	:	CE

Verwendungsbereich/Application range für Anfrage/for inquiry AN-IS-2013-00426				Zul. Abweichung/ Allowable deviation		Oberfläche/ Surface	Maßstab/Scale (DIN A2): 1:1		Gewicht/Weight		
				Allgemeintoleranz DIN ISO 2768-m			Werkstoff/Work material, Modell-Nr.				
				2019	Datum/Date	Name		Zeichnungsname/Drawing name			
				erstellt/ Drawn by	25.01.	MSI		Li-Ion Battery 3.6V 7800mAh with safetyboard			
V2	electrical values changed	20.01.'20	MSI					Zeichnungsnummer/Drawing number			Blatt/ Sheet 1
V1	part number overview added	15.04.19	DS					Artikelnummer/Part number			
V0	---	XX.XX.XX	XX					2447-3034-X03			
Version	Änderung/Change	Datum/Date	Name	Ursprung/Origin Proj. IS-2013-00426				Ersatz für/Replaced by		Ersatz durch/Replacement through	