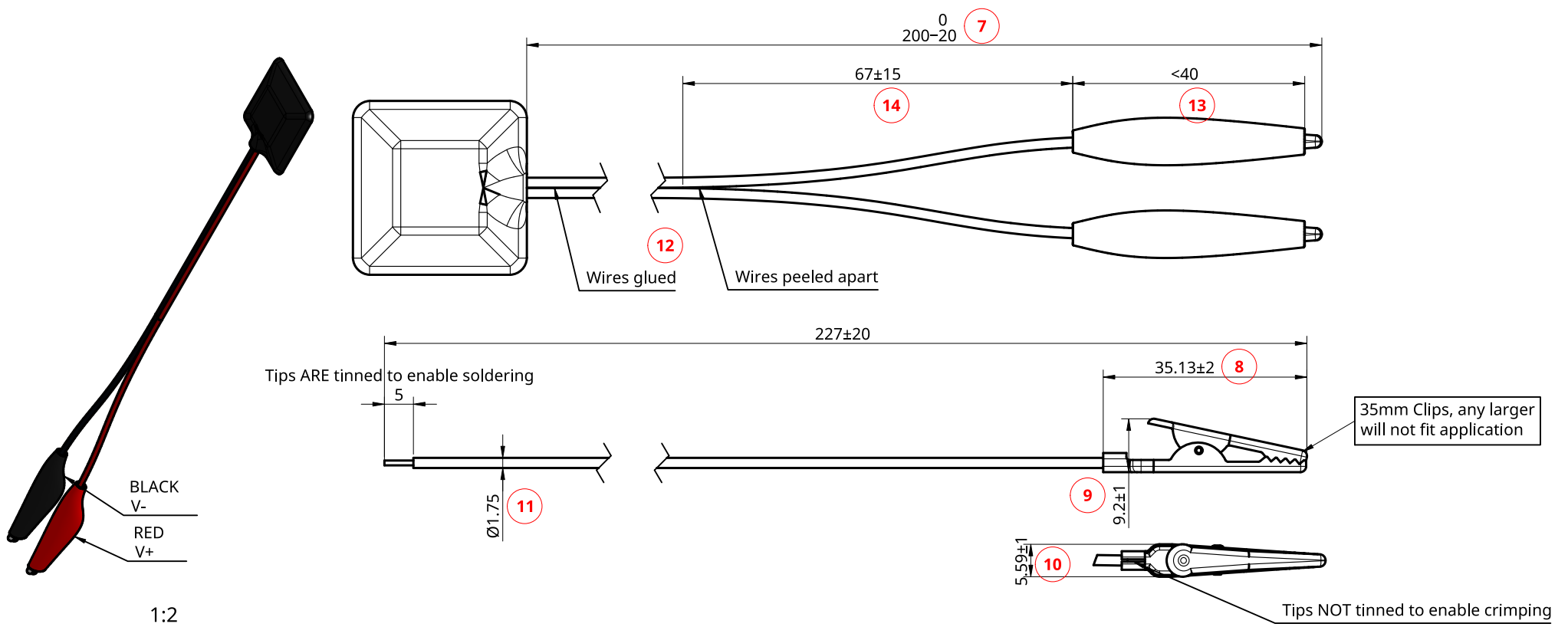


REMARKS
 1. All dimensions to panel edge include EVA overlap unless otherwise specified.
 2. "#####" etching refers to Voltaic's PO# for traceability



Drawing Details		Construction		Power Specifications				
Panel Number	P208	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
Revision	R5A	Substrate	SINGLE SIDED PCB	Solar Cell: VENUS 10BB				
Engineer	ME	Encapsulant	EVA F806P	Nominal Efficiency: 22%≤		Cell Pieces		4
Approval		Top Layer	PET	Panel Electrical Rating		Nominal	Expected	
Date Created	2021-01-18	Top Layer Pattern	SMOOTH	Open-Circuit Voltage	Voc	2.74	2.61	V
Date Modified	2023-12-27	Wire Number	W084	Voltage at Max Power	Vp	2.36	2.24	V
Changes	10BB DESIGN	Measured Wire Length	200	Short-Circuit Current	Isc	0.46	0.45	A
Tolerance: ±0.3 mm	Units: mm	Strain Relief	J-BOX	Current at Max Power	Ip	0.44	0.42	A
Scale: 1:2	Sheet: 1/3	Attachment	NONE	Maximum Power	Wp	1.04	0.937	W

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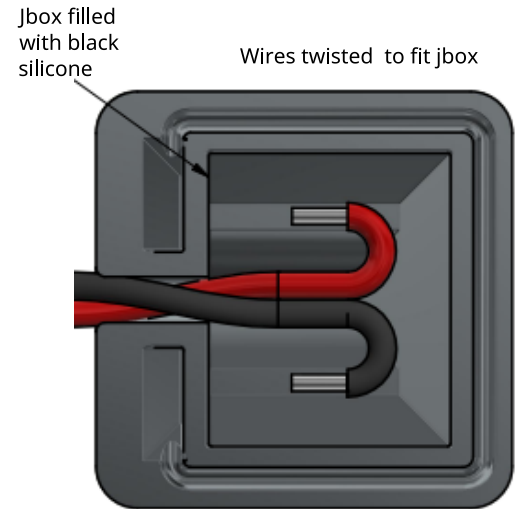


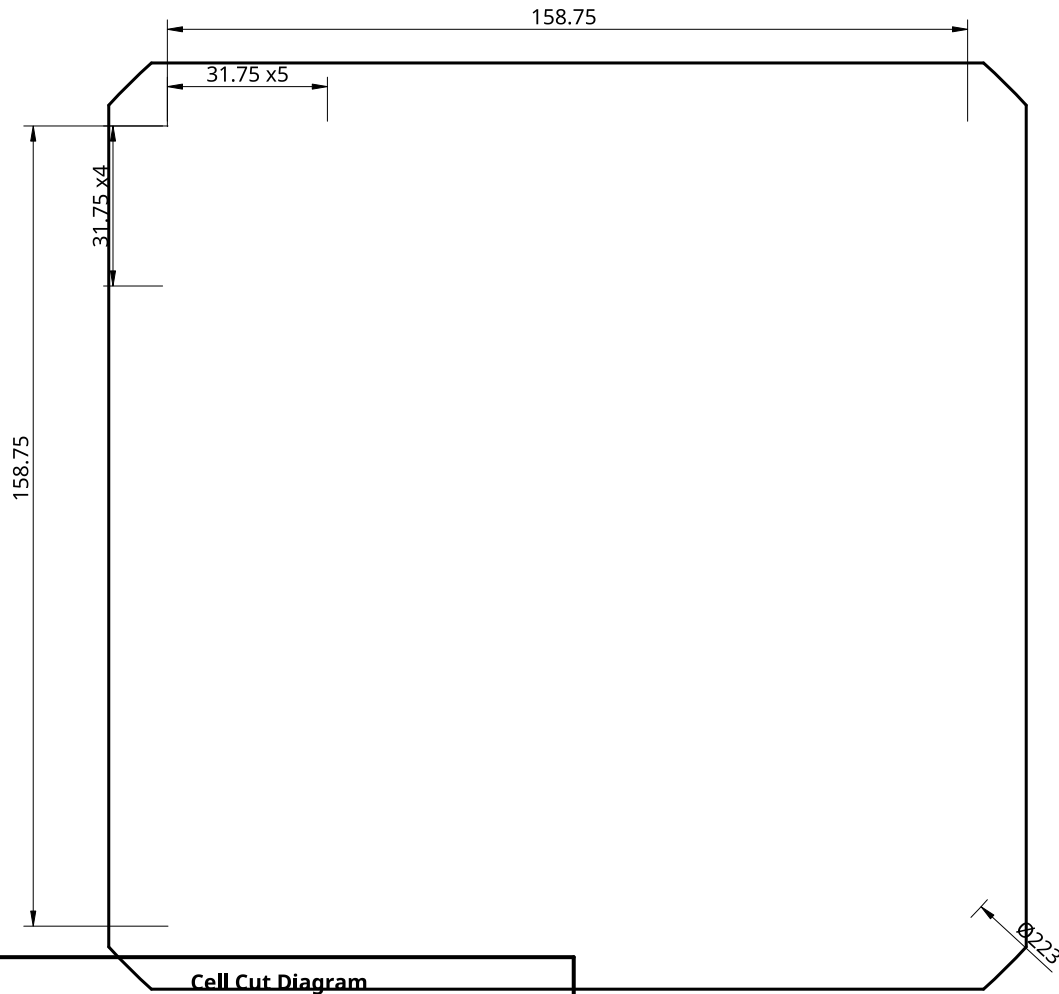
1:2



Drawing Detail		Construction	
Wire Number	W084	All Materials RoHS Compliant	
Revision	R1B	Length	200mm
Engineer		Gauge	22 AWG
Approval		Connector	ALLIGATOR CLIPS
Date Created	2021-01-18	Crimp	TBD
Date Modified	2023-12-27	Jacket Color	N/A
Changes	DIMS ADDED	Jacket Material	N/A
Tolerance per mm	Length > 30mm: ± .04 mm	Insulator Colors	RED & BLACK
	Length < 30mm: ±.15 mm	Insulator Material	PP
	Diameter: ± .03 mm	Scale: 1:1	Sheet: 2/3

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Cell Cut Diagram



Cell	VENUS 10BB
Cell Efficiency	>22%
Panel Reference	P208
Panel Revision	R5A
Date Created	2021-01-18
Date Modified	2023-12-27
Approval	
Tolerance: ±0.3 mm	Units: mm
Scale: 1:1.5	Sheet: 3/3

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