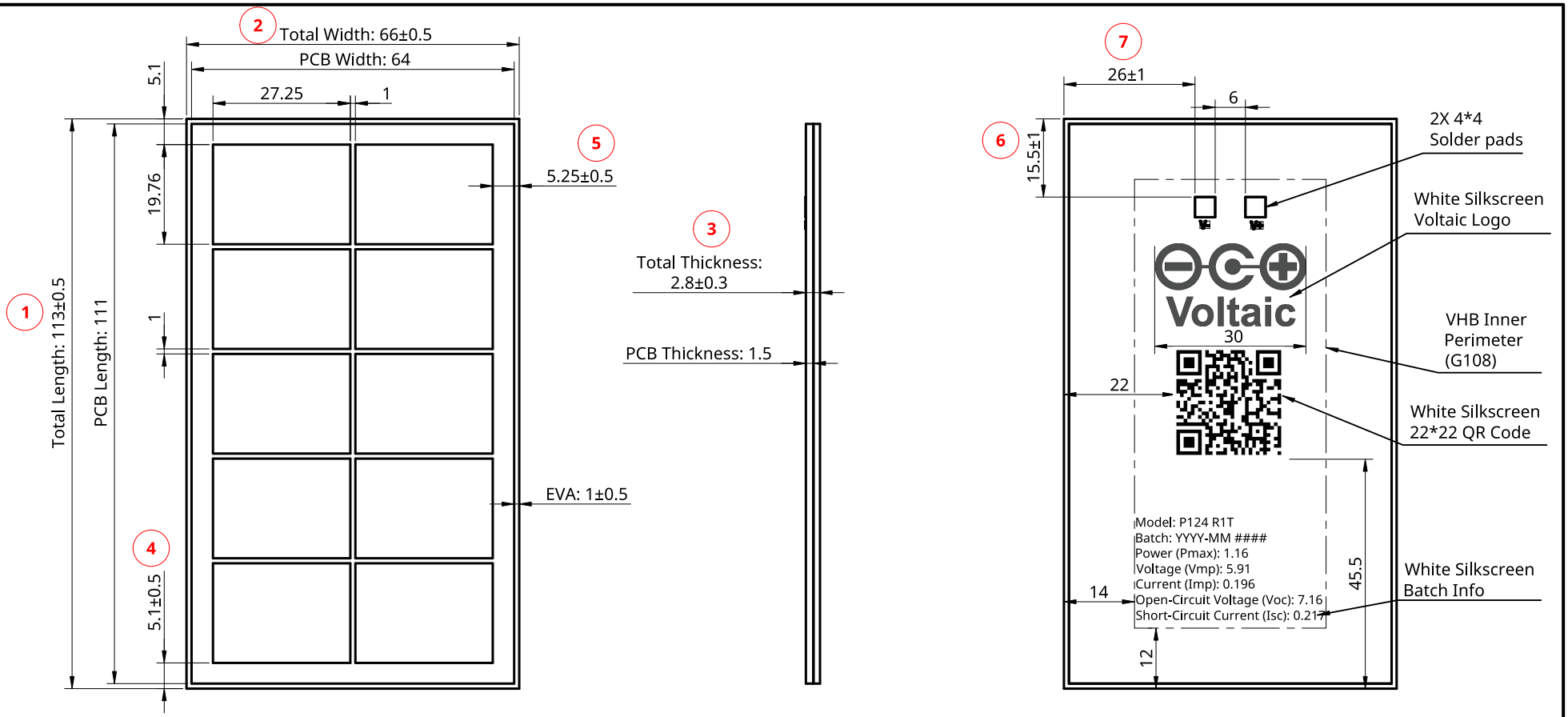
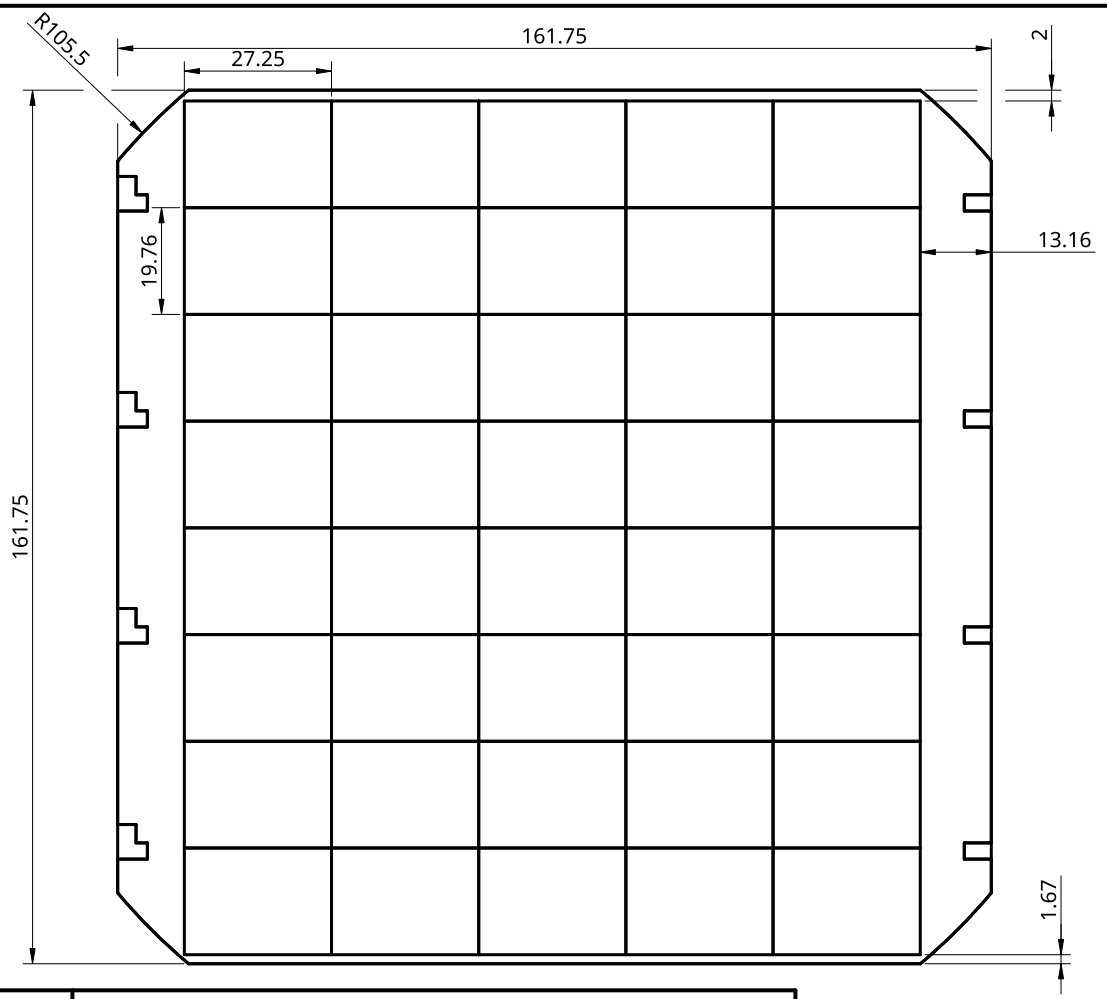


REMARKS
1. All dimensions to panel edge include EVA overlap unless otherwise specified.
2. "####" etching refers to Voltaic's PO# for traceability

Voltaic

Drawing Details		Construction		Power Specifications				
Panel Number	P124	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
Revision	R1T	Substrate	DOUBLE SIDED PCB	Solar Cell: SUNPOWER MAXEON GEN V Ø211				
Engineer	MC	Encapsulant	EVA F806P	Nominal Efficiency: 21.5%≤	Cell Pieces			10
Approval	SM 2023-09-06	Top Layer	R045E ETFE	Panel Electrical Rating		Nominal	Expected	
Date Created	2021-01-18	Top Layer Pattern	ETFE MINIMAL	Open-Circuit Voltage	Voc	7.16	6.95	V
Date Modified	2023-09-06	Wire Number	NA	Voltage at Max Power	Vp	5.91	5.7	V
Changes	SOLAR CELLS -> LN	Measured Wire Length	NA	Short-Circuit Current	Isc	0.217	0.191	A
Tolerance: ±0.3 mm	Units: mm	Strain Relief	NONE	Current at Max Power	Ip	0.196	0.171	A
Scale: 1:1.2	Sheet: 1/2	Attachment	VHB	Maximum Power	Wp	1.16	0.97	W



Voltaic

Cell Cut Diagram	
Cell	SUNPOWER MAXEON GEN V Ø211
Cell Efficiency	>21.5%
Panel Reference	P124
Panel Revision	R1T
Date Created	2021-01-18
Engineer	2023-09-06
Reviewed By	
Tolerance: ±0.3 mm	Units: mm
Scale: 1:2	Sheet: 2/2