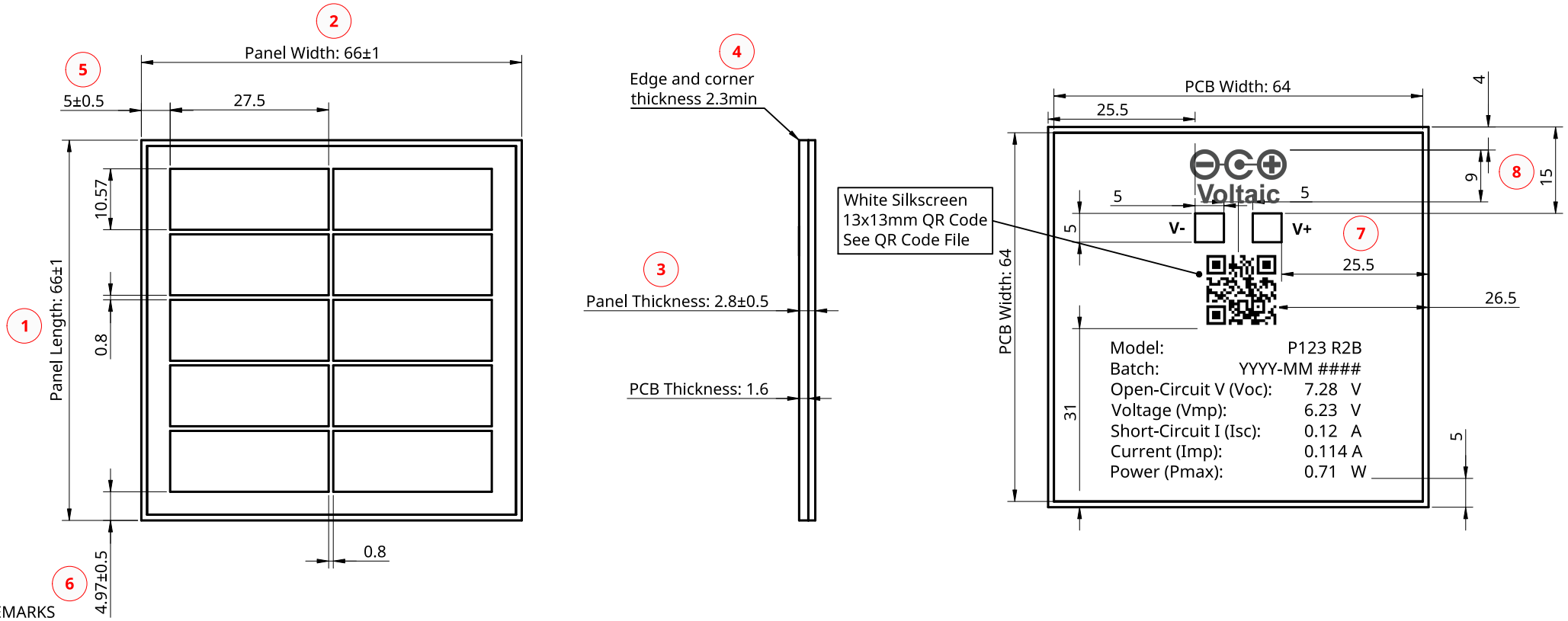
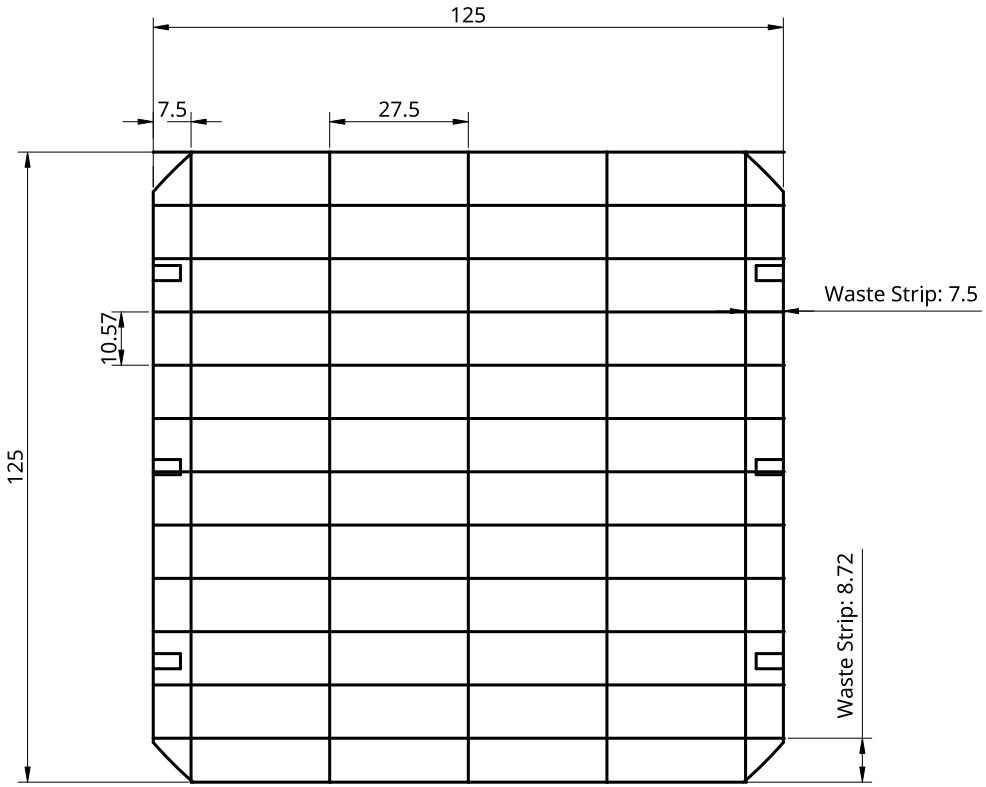


REMARKS
1. All dimensions to panel edge include EVA overlap unless otherwise specified.
2. "####" etching refers to Voltaic's PO# for traceability
3. Note the red circled inspection items

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Drawing Details		Construction		Power Specifications				
Panel Number	P123	All Materials RoHS Compliant		Output Tolerance: ± 10% of Voltage and Current				
Revision	R2B	Substrate	DOUBLE SIDED PCB	Solar Cell: SUNPOWER MAXEON GEN III				
Engineer	AK	Encapsulant	EVA F806P	Nominal Efficiency: ≥24.4%		Cell Pieces	10S1P	10
Approval	SM 2025-08-26	Top Layer	TEFKA ECTFE	Panel Electrical Rating		Nominal	Expected	
Date Created	2022-01-26	Top Layer Pattern	ETFE YH05	Open-Circuit Voltage	Voc	7.28	7.07	V
Date Modified	2025-08-26	Wire Number	N/A	Voltage at Max Power	Vp	6.23	6.01	V
Changes	CCD	Measured Wire Length	N/A	Short-Circuit Current	Isc	0.12	0.111	A
Tolerance: ±0.3 mm	Units: mm	Strain Relief	NONE	Current at Max Power	Ip	0.114	0.099	A
Scale: 1:1	Sheet: 1/2	Attachment	NONE	Maximum Power	Wp	0.71	0.597	W

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Cell Cut Diagram	
Cell	SUNPOWER MAXEON GEN III
Cell Efficiency	≥24.4%
Panel Reference	P123
Panel Revision	R2B
Date Created	2022-01-26
Date Modified	2025-08-26
Approval	SM 2025-08-26
Tolerance: ±0.3 mm	Units: mm
Scale: 1:1.5	Sheet: 2/2

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