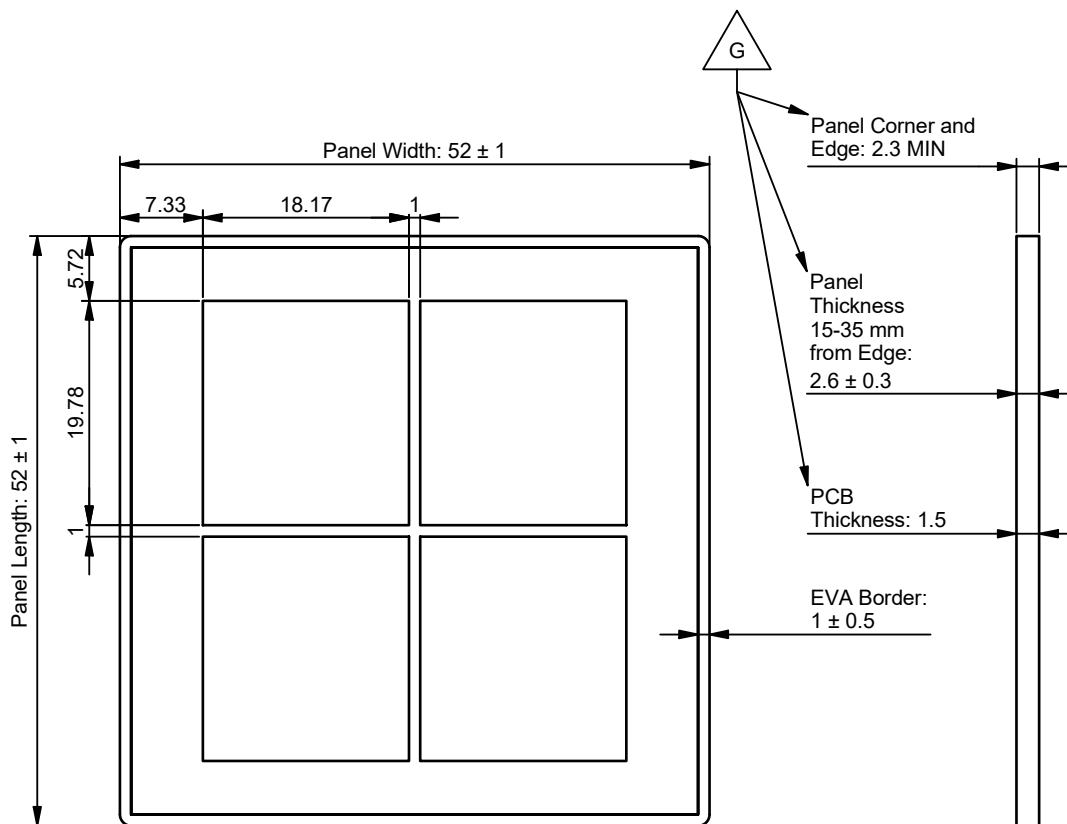


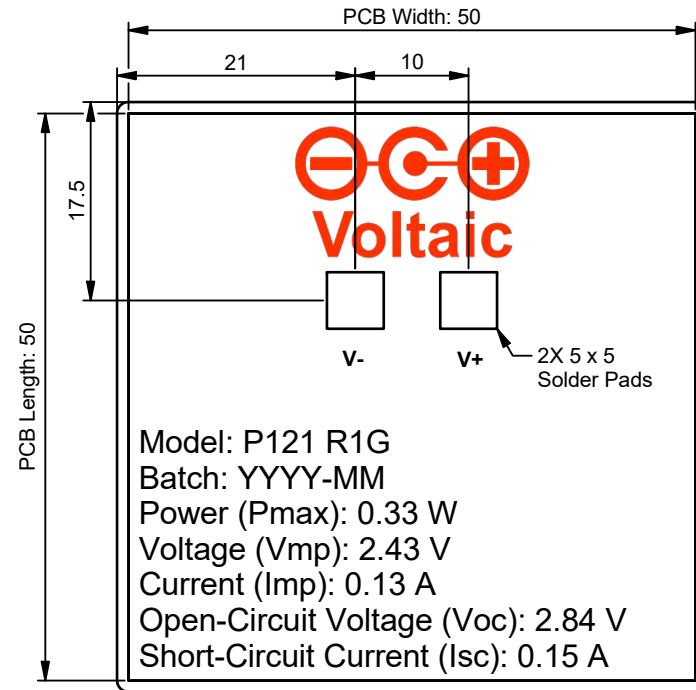


THE DATASHEET OF P121



Front

Side



Back



Drawing Details

Panel Number:	P121
Revision:	R1G
Engineer:	CY
Checked By:	SM
Date Created:	2020-01-28
Date Modified:	2020-04-10
Changes:	PCB Thickness
Tolerance:	± 0.3
Scale:	1.5:1
Units:	mm
Sheet:	1/1

Construction

All Materials RoHS Compliant
Substrate: Black DS PCB
Encapsulant: EVA F806P
Top Layer: ETFE YH05
Wire Number: N/A
Wire Length: N/A
Strain Relief: N/A
Attachment: N/A
Temperature: -40 to 85 °C

Power Specifications

Output Tolerance:	$\pm 10\%$ of Voltage and Current			
Solar Cell:	SunPower Maxeon Gen III Je3A			
Nominal Efficiency:	$\geq 22\%$	Cell Pieces:	4	
Panel Electrical Ratings		Nominal	Expected	
Open-Circuit Voltage	Voc	2.84	2.55	V
Voltage at Max Power	Vp	2.43	2.19	V
Short-Circuit Current	Isc	0.15	0.13	A
Current at Max Power	Ip	0.13	0.12	A
Maximum Power	Wp	0.33	0.27	W

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