



Drawing Details		Construction		Power Specifications				
Panel Number:	P123	All Materials RoHS Compliant		Output Tolerance: $\pm 10\%$ of Voltage and Current				
Revision:	R1G	Substrate:	Black DS PCB	Solar Cell: SunPower Maxeon Gen III Je3A				
Engineer:	CY	Encapsulant:	EVA F806P	Nominal Efficiency:	$\geq 22\%$	Cell Pieces: 10		
Checked By:	SM	Top Layer:	ETFE YH05	Panel Electrical Ratings			Nominal	Expected
Date Created:	2020-01-28	Wire Number:	N/A	Open-Circuit Voltage	Voc	7.09	6.38	V
Date Modified:	2020-04-10	Wire Length:	N/A	Voltage at Max Power	Vp	6.07	5.46	V
Changes:	PCB Thickness	Strain Relief:	N/A	Short-Circuit Current	Isc	0.12	0.10	A
Tolerance:	± 0.3	Attachment:	N/A	Current at Max Power	Ip	0.11	0.10	A
Scale:	1.25:1	Temperature:	-40 to 85 °C	Maximum Power	Wp	0.64	0.53	W
Units:	mm	Sheet:	1/1					

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