Panel Number: P124
Revision: R1G
Engineer: CY
Checked By: SM
Date Created: 2020-01-28
Date Modified: 2020-04-10
Changes: PCB Thickness
Tolerance: ± 0.3 Units: mm
Scale: 1:1 Sheet: 1/1

Construction
All Materials RoHS Compliant
Substrate: Black DS PCB
Encapsulant: EVA F806P
Top Layer: ETFE YH05

Panel Electrical Ratings
Nominal Expected
Output Tolerance: ± 10% of Voltage and Current
Panel: 7.09 6.38 V
Solar Cell: SunPower Maxeon Gen III Je3A
Nominal Efficiency: ≥ 22%
Cell Pieces: 10

Power Specifications
Wire Number: N/A
Wire Length: N/A
Strain Relief: N/A
Attachment: N/A
Temperature: -40 to 85 °C
Maximum Power: Wp 1.22 1.02 W
Current at Max Power: Ip 0.20 0.19 A
Voltage at Max Power: Vp 6.07 5.46 V
Open-Circuit Voltage: Voc 7.09 6.38 V
Short-Circuit Current: Isc 0.22 0.20 A

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