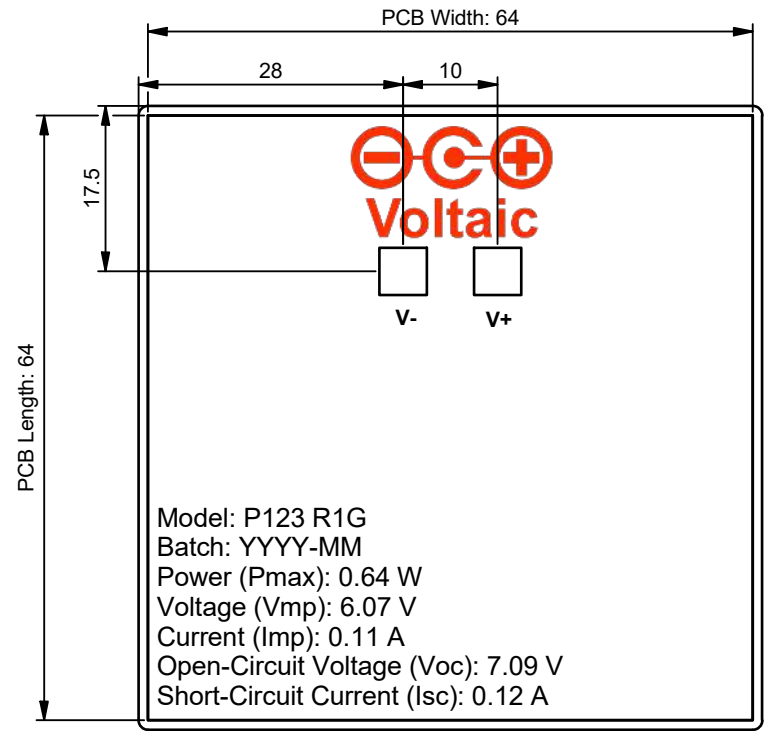


Front



Back

Model: P123 R1G  
 Batch: YYYY-MM  
 Power (Pmax): 0.64 W  
 Voltage (Vmp): 6.07 V  
 Current (Imp): 0.11 A  
 Open-Circuit Voltage (Voc): 7.09 V  
 Short-Circuit Current (Isc): 0.12 A



| Drawing Details |               | Construction                 |              | Power Specifications                           |       |                 |         |          |
|-----------------|---------------|------------------------------|--------------|--|-------|-----------------|---------|----------|
| Panel Number:   | P123          | All Materials RoHS Compliant |              | Output Tolerance: ± 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:                            | ≥ 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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