

PANEL SPECIFICATIONS

ELECTRICAL:

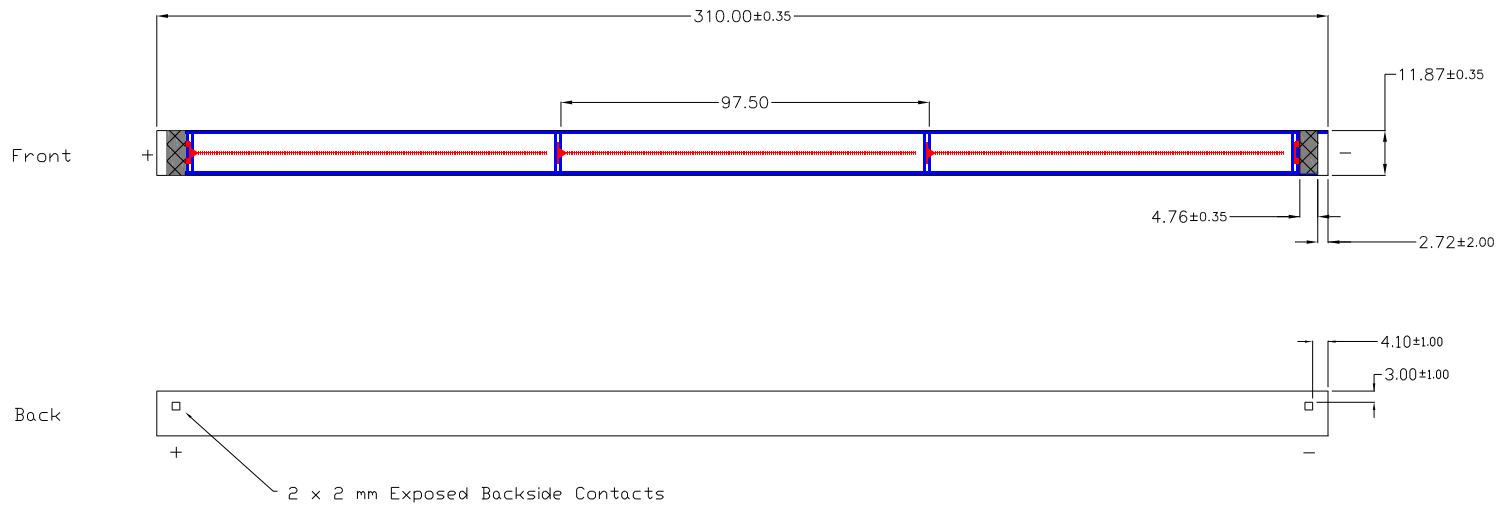
1000 Lux: 307uA at 3.2V (982uW) ¹
 200 Lux: 62.3uA at 2.4V (150uW) ¹
 Max Voc: 5.55V (Direct Sunlight) ²
 Average Isc: 47.1mA (Direct Sunlight) ²

MECHANICAL:

f/b Laminate: 3 mil PET / 3 mil PET
 3/16 in Tinned Copper Foil Bustape ⁷
 2 x 2 mm Exposed Backside Contacts ⁷
 Thickness: 0.22mm ³
 Appr. Weight: 0.93 grams
 Operating Temperature: -25C to 65C ⁴
 Bend Radius: 1 inch fixed, 3 inch repetitive ⁵
 UV and Moisture Protection: Limited ⁶

REVISIONS HISTORY

REV	DESCRIPTION	REVIEW	DATE
1	3 Cell 12 x 310 mm Low Light Tandem Module with Exposed Contacts	SJ	10/25/2021
2	updated application notes and handling information	SJ	5/4/2022



Panel Information, Handling and Assembly Best Practices



Application Notes

1. Tested under a cool white LED spectrum.
2. Extended exposure to above rated light intensity can reduce panel performance.
3. Copper foil bustape increases thickness by approximately 0.1mm.
4. High temperature laminates available for up to 85C continuous, 100C peak (4h daily).
5. Contact engineering support for tighter flexing requirements.
6. Tolerant to intermittent exposure to UV, moisture and weather. Full UV and weatherproofing options are available.
7. Exposed contacts to tinned copper foil are recessed by approximately 0.15mm.

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PART NUMBER		TITLE		
INP3.6-12x310		3 Cell 12 x 310 mm Low Light Tandem Module with Exposed Contacts		
SCALE	DATE			
1:2	1/19/2022			
DRAWN				
San Jones				
UNITS: mm [in]				