

**Panel Specifications**

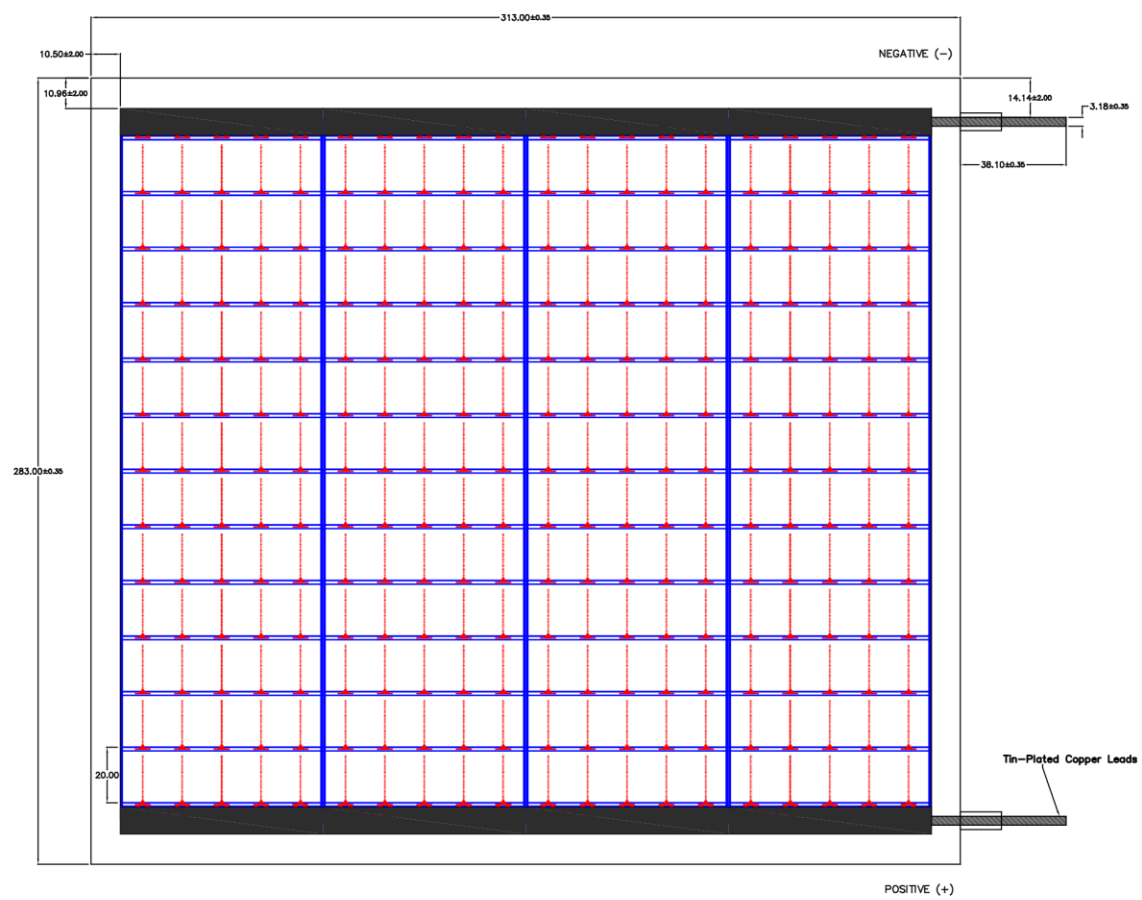
**Electrical:**

100% Sun: 200mA at 15.4V (3.08W) <sup>1</sup>  
 25% Sun: 45mA at 15.4V (693mW)  
 Max Voc: 22.2V  
 Average Isc: 256mA

**Mechanical:**

f/b Laminate: 8 mil ETFE / 8 mil ETFE  
 3/8 in Tinned Copper Foil Bustape  
 1/8 in Tin-Plated Copper Rigid Solder Tabs  
 3/8 in Black Cosmetic Tape  
 Thickness: 0.4–0.5mm  
 Appr. Weight: 93.55 grams  
 Operating Temperature: -40C to 85C <sup>2</sup>  
 Bend Radius: 1 inch <sup>4</sup> fixed, 3 inch repetitive <sup>3</sup>  
 UV Protection: Full  
 Moisture Protection: Outdoor Rated <sup>4</sup>

REVISIONS		DRAWING NO.	
		PT15-300	
REV	DESCRIPTION	REVIEW	DATE
1	12 Cell 283 x 172 mm Tandem Junction Module, Weather Sealed with UV Protection and Extended Leads		5/13/2021



Panel Information, Handling and Assembly Best Practices



1. Tested at STC under AM1.5 1000W/m<sup>2</sup> equivalent conditions
2. 100C peak (4 hours daily).
3. Contact engineering support for tighter flexing requirements
4. Resistant to UV Exposure. Tolerant to exposure to moisture and weather.

<small>This document contains information which is the property of PowerFilm Inc. It is not to be duplicated used, or disclosed in whole or in part for any purpose without prior written permission of PowerFilm Inc. All Dimensions +/- 1.2 mm unless specified.</small>	<b>PowerFilm Inc.</b>		1287 XE Place Ames, IA 50014 515-292-7606 515-292-1922(fax)
	<small>TITLE</small> 12 Cell 283 x 172 mm Tandem Junction Module, Weather Sealed with UV Protection and Extended Leads		
UNITS: mm	<small>SCALE</small> 1:2.5	<small>DATE</small> 5/13/2021	<small>REF.</small> DRAWING NO. PT15-300

# PT15-300

