

Panel Specifications

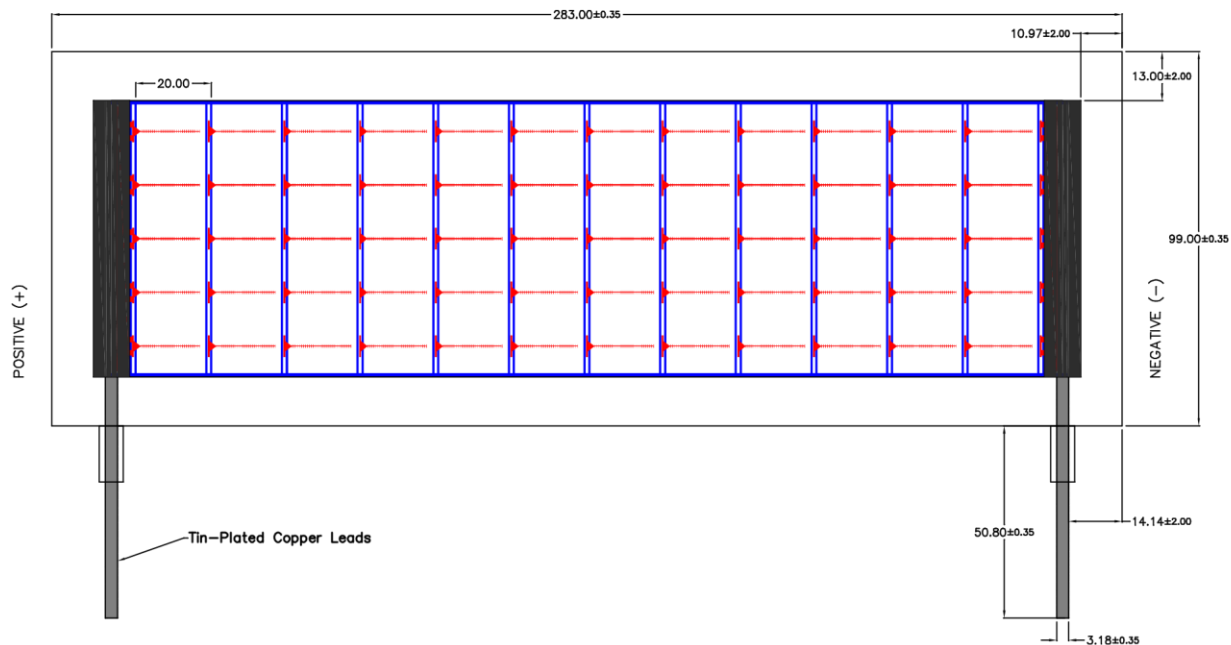
Electrical:

100% Sun: 50mA at 15.4V (770mW) ¹
 25% Sun: 11.3mA at 15.4V (173mW)
 Max Voc: 22.2V
 Average Isc: 64mA

Mechanical:

f/b Laminate: 8 mil ETFE / 8 mil ETFE
 1/8 in Tin-Plated Copper Rigid Bus
 3/8 in Black Cosmetic Tape
 Thickness: 0.4–0.5mm
 Appr. Weight: 31.18 grams
 Operating Temperature: -40C to 80C²
 Bend Radius: 1 inch fixed, 3 inch repetitive³
 UV Protection: Full⁴
 Moisture Protection: Outdoor Rated⁴

REVISIONS		DRAWING NO. PT15-75	
REV	DESCRIPTION	REVIEW	DATE
1	12 Cell 283 x 99 mm Tandem Junction Module, Weather Sealed with UV Protection and Extended Leads		5/13/2021



1. Tested at STC under AM1.5 1000W/m² 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.

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PowerFilm Inc.		1287 XE Place Ames, IA 50014 515-292-7606 515-292-1922(fax)	
TITLE 12 Cell 283 x 99 mm Tandem Junction Module, Weather Sealed with UV Protection and Extended Leads			
SCALE	1:2	DATE	5/13/2021
DRAWN	John Fecht	REF.	
CHECKED		DRAWING NO.	PT15-75

UNITS: mm

PT15-75

