

Panel Specifications

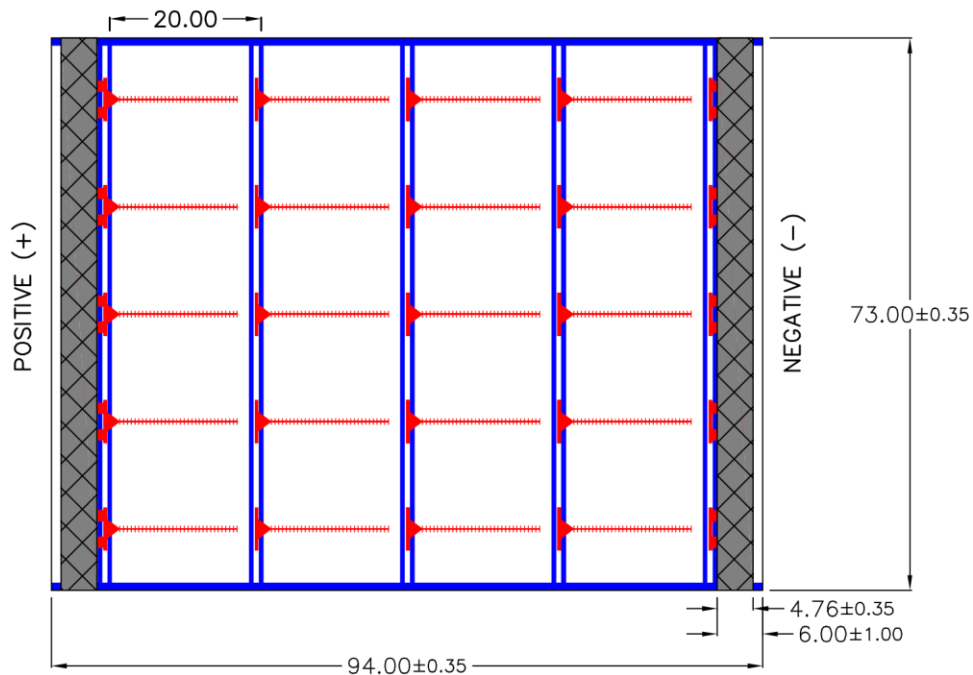
Electrical:

100% Sun: 50mA at 4.8V (240mW) ¹
 25% Sun: 11.3mA at 4.8V (54mW)
 Max Voc: 7.4V
 Average Isc: 64mA

Mechanical:

f/b Laminate: 3 mil PET / 3 mil PET
 3/16 in Copper Foil Busbar
 Thickness: 0.2-0.3mm
 Appr. Weight: 1.98 grams
 Operating Temperature: -25C to 65C²
 Bend Radius: 1 inch fixed, 3 inch repetitive³
 UV and Moisture Protection: Limited ⁴

REVISIONS		DRAWING NO. MPT4.8-75	
REV	DESCRIPTION	REVIEW	DATE
1	4 Cell 94 x 73 mm Tandem Module	SJ	1/20/2021



Panel Information, Handling and Assembly Best Practices



1. Tested at STC under AM1.5 1000W/m² equivalent conditions
2. High temperature laminates available for up to 85C continuous, 100C peak (4 hours daily).
3. Contact engineering support for tighter flexing requirements
4. Tolerant to intermittent exposure to UV, moisture and weather. Full UV and weatherproofing options are available.

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PowerFilm Inc.		1287 XE Place Ames, IA 50014 515-292-7606 515-292-1922(fax)	
TITLE 4 Cell 94 x 73 mm Tandem Module			
SCALE	1:1	DATE	1/20/2021
DRAWN	John Fecht	REF.	
CHECKED		DRAWING NO.	MPT4.8-75

UNITS: mm

MPT4.8-75

- 1000W/m²
- - 250W/m²

