

	NAME	DATE
DRAWN	Rory D.	
CHECKED	Joe S.	2018-01-29
ENG APPR.	--	
MFG APPR.	--	

Description:  
**OreSat solar panel board**

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ± UNSPECIFIED	MATERIAL FR4
	FINISH --
	Weight
	DO NOT SCALE DRAWING

COMMENTS:

DWG. NO. --		
REV 0.8.2	SIZE <b>A</b>	SCALE: 1:1 SHEET 1 OF 6

6 5 4 3 2 1

D

C

B

A

D

C

B

A

1.600

33

2.100

$\phi 2 (X8)$

2

2

30 TYP

1.500

5

5



	NAME	DATE
DRAWN	Rory D.	
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:  
locations of the screw holes

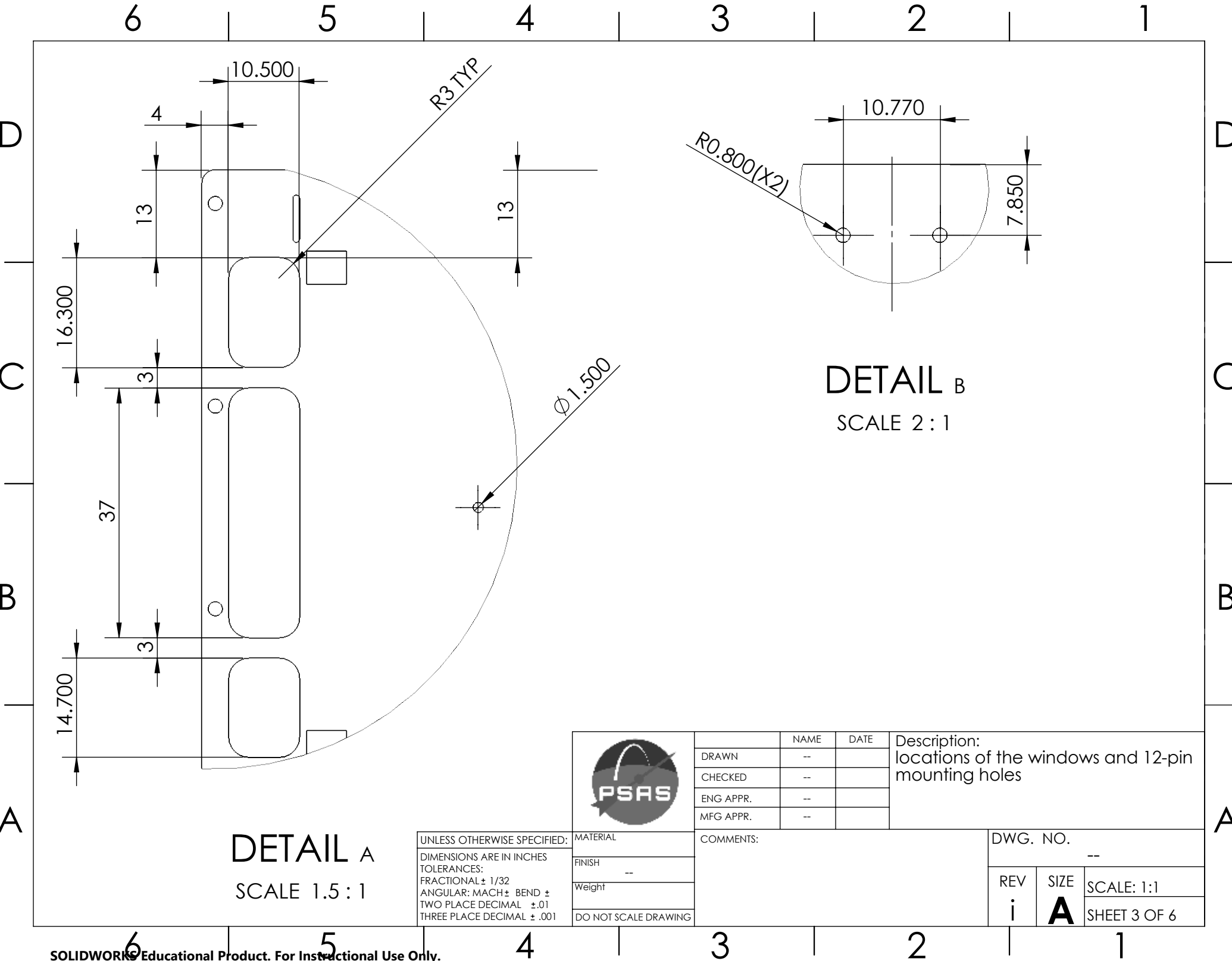
UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR: MACH  $\pm$  BEND  $\pm$   
TWO PLACE DECIMAL  $\pm .01$   
THREE PLACE DECIMAL  $\pm .001$

MATERIAL
FINISH
Weight
DO NOT SCALE DRAWING

COMMENTS:

DWG. NO. --		
REV i	SIZE A	SCALE: 1:1 SHEET 2 OF 6

6 5 4 3 2 1



DETAIL A  
SCALE 1.5 : 1

DETAIL B  
SCALE 2 : 1

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR: MACH  $\pm$  BEND  $\pm$   
TWO PLACE DECIMAL  $\pm .01$   
THREE PLACE DECIMAL  $\pm .001$



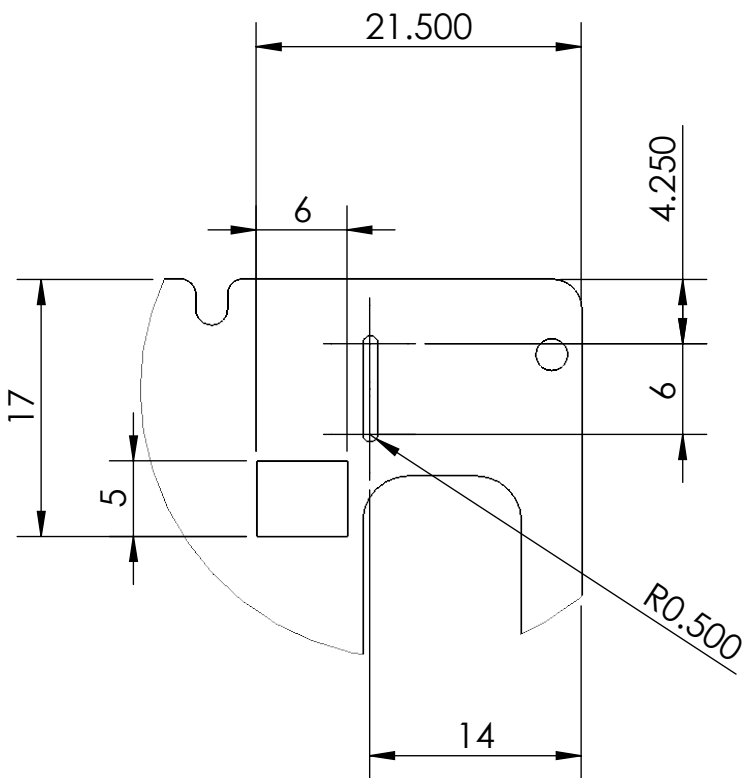
MATERIAL
FINISH
Weight
DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	--	
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

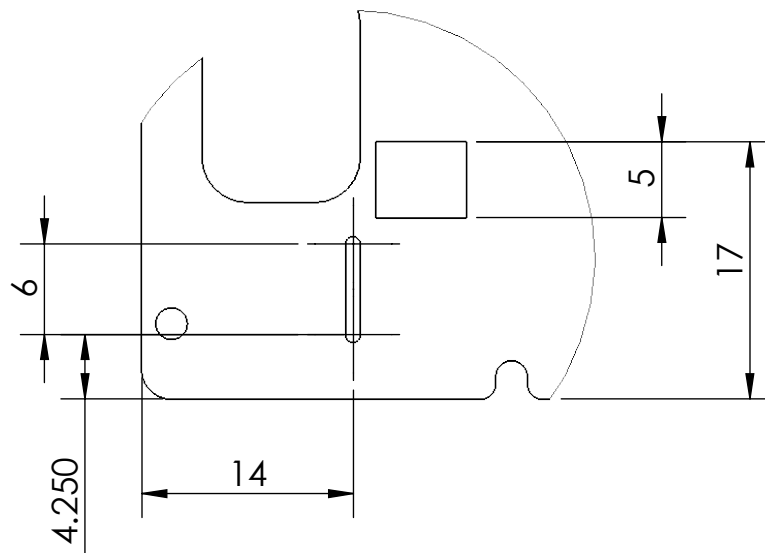
Description:  
locations of the windows and 12-pin  
mounting holes

COMMENTS:

DWG. NO. --		
REV i	SIZE A	SCALE: 1:1 SHEET 3 OF 6



DETAIL C  
SCALE 2 : 1



DETAIL D  
SCALE 2 : 1



	NAME	DATE
DRAWN	Rory D.	
CHECKED	--	
ENG APPR.	--	
MFG APPR.	--	

Description:  
locations for the solar cell contacts  
and contact slots

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm 1/32$   
ANGULAR: MACH  $\pm$  BEND  $\pm$   
TWO PLACE DECIMAL  $\pm .01$   
THREE PLACE DECIMAL  $\pm .001$

MATERIAL
FINISH
Weight
DO NOT SCALE DRAWING

COMMENTS:

DWG. NO. --		
REV i	SIZE A	SCALE: 1:1 SHEET 4 OF 6

