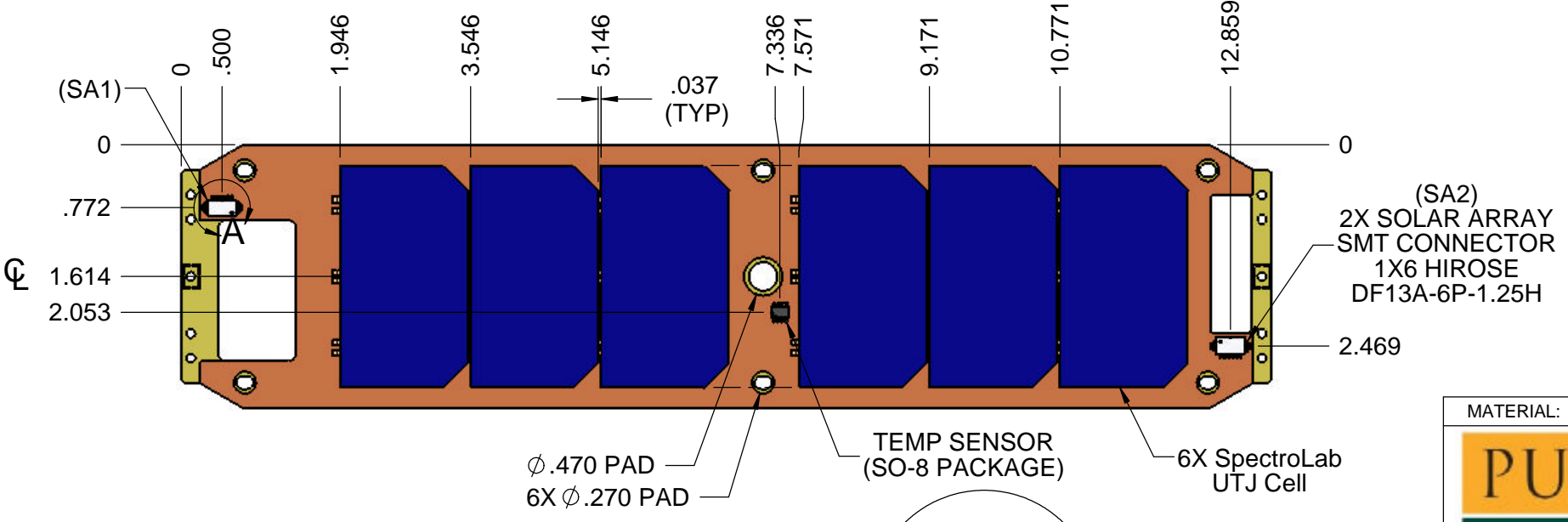
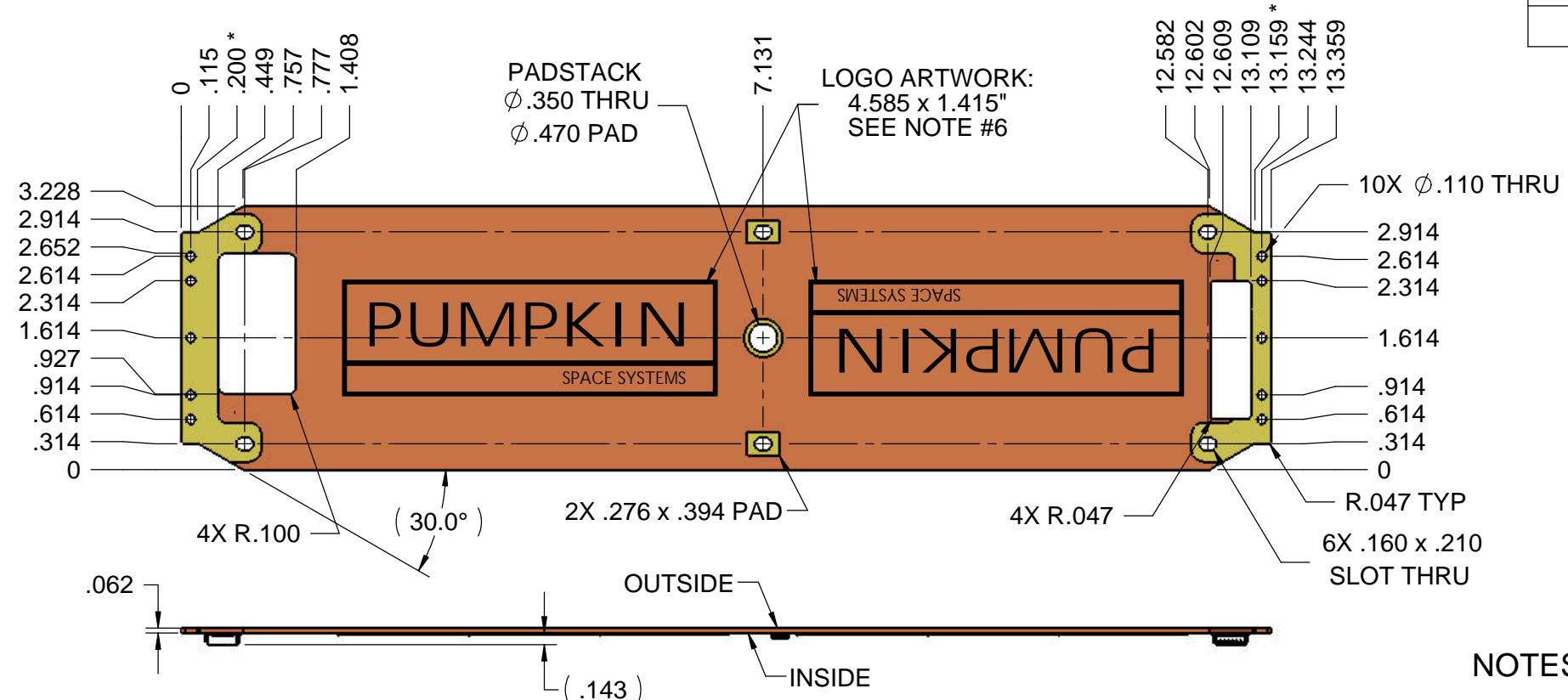


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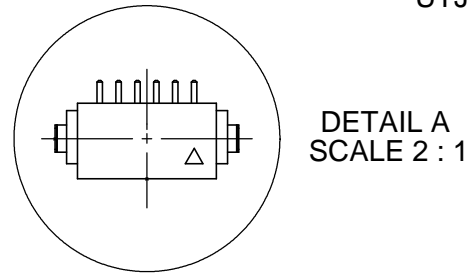
REVISION HISTORY


REV	LOC	DESCRIPTION	DATE	APP'VD
B0	C4	CHANGED THRU HOLE FROM .100" TO .110"	04/30/2009	AWR
B0	C6	CHANGED THRU HOLE FROM .330" TO .350" AND PAD FROM .390" TO .470"	04/30/2009	AWR
B0	C7	ADDED PUMPKIN LOGO CALLOUT	04/30/2009	AWR



- NOTES:**
- 1) ALL PLATED THRU HOLES ARE SPEC'D AFTER PLATING
 - 2) "INSIDE" REFERS TO THE SURFACE THAT FACES THE SATELLITE, AND "OUTSIDE" REFERS TO THE SURFACE THAT FACES AWAY FROM THE SATELLITE, WHEN LOADED IN THE LAUNCH SYSTEM.
 - 3) DIMENSIONS WITH AN ASTERISK (*) ARE MARKING A TANGENCY POINT.
 - 4) REFER TO SHEET #2 FOR COPPER FILL DETAILS
 - 5) REFER TO SHEET #3 FOR KEEP-OUT ZONES ON THE INSIDE.
 - 6) LOGO TO APPEAR ON SOLDER MASK LAYER; WITH THE TEXT AND OUTLINE BEING SOLDER MASK. FOR LOGO SPECIFICATIONS AND DXF FILES, CONTACT PUMPKIN.

SOLAR ARRAY CONNECTOR			
PIN #	LABEL	PIN #	LABEL
1	POS_OUTSIDE	4	POS_INSIDE
2	RTN_OUTSIDE	5	RTN_INSIDE
3	TLM_OUTSIDE	6	TLM_INSIDE



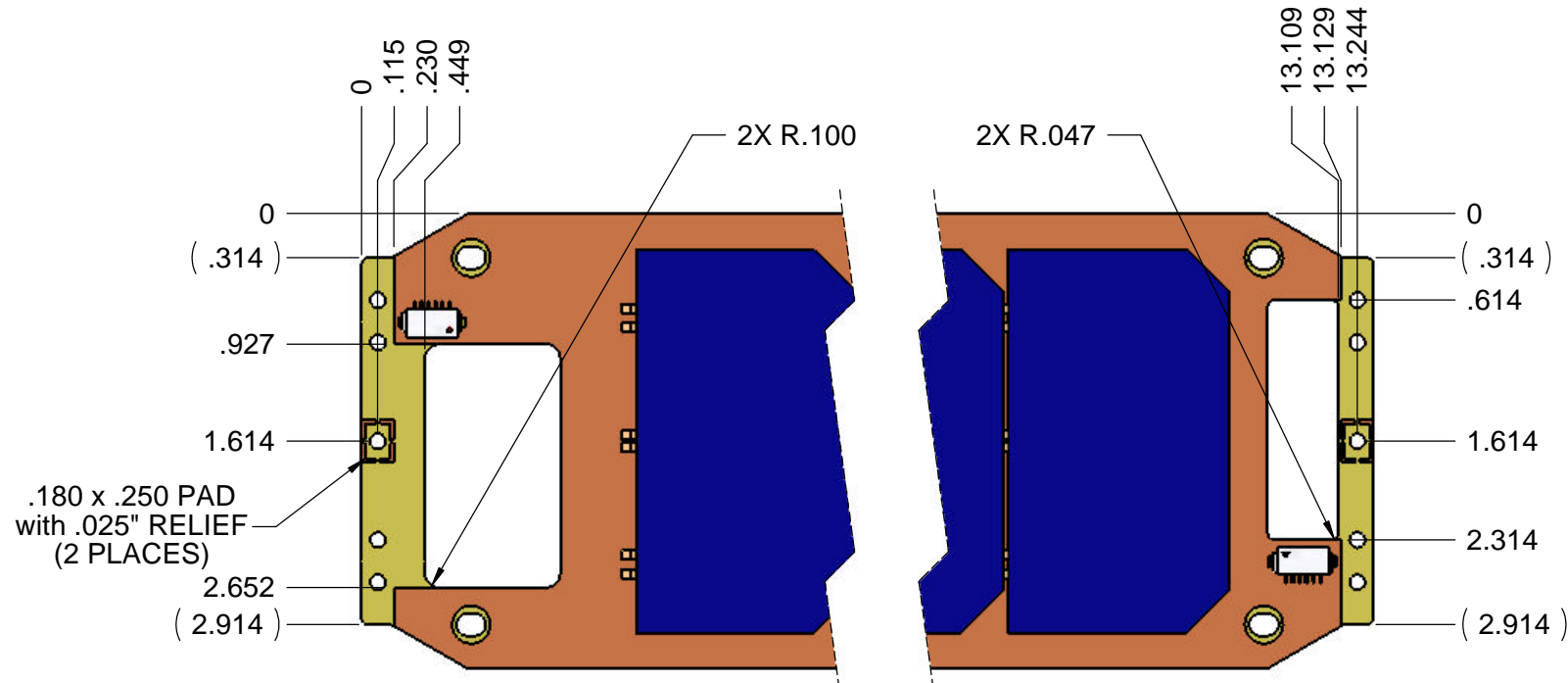
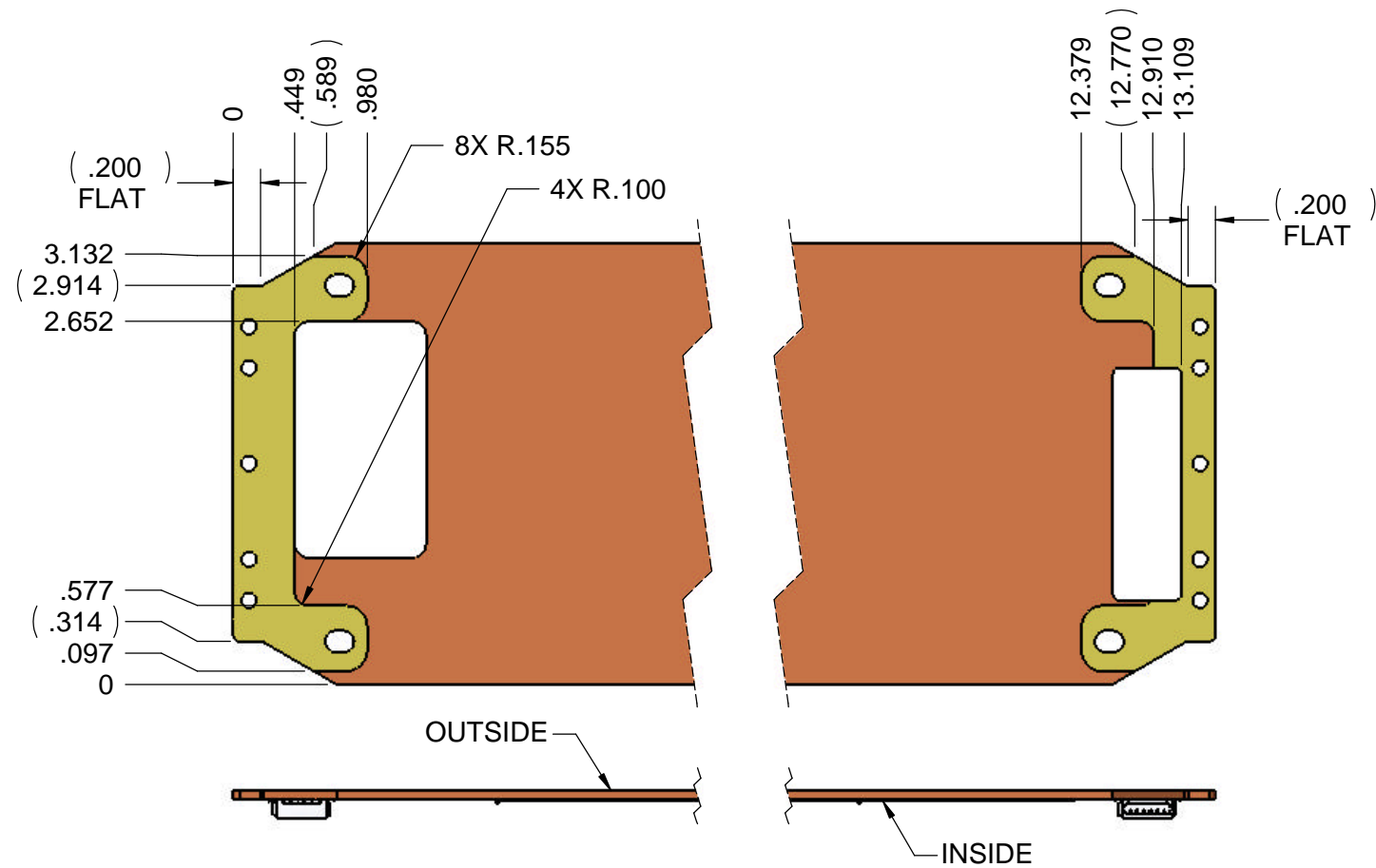
MATERIAL: SEE NOTES	FINISH: SEE NOTES	HEAT TREAT: NONE	WEIGHT:
		750 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .X = ± .030 .XX = ± .010 ± 0° 30" .XXX = ± .005		APPROVALS DRAWN AWR CHECKED QUAL ENG	DATE 10/28/08
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DO NOT SCALE DRAWING	
TITLE PCB, Solar Array Panel, 3U, Deployable		SIZE B DWG. 705-00462	REV B0 SHEET 1 OF 3

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REVISION HISTORY

REV	LOC	DESCRIPTION	DATE	APP'VD
A1	A5/A7	UPDATED THE COPPER FILL AREAS (BOTH ENDS) ON THE 'INSIDE' SURFACE OF THE PCB	10/18/2008	AWR
B0		NO CHANGE TO THIS SHEET	04/30/2009	AWR



NOTES:

- 1) THIS DRAWING DESCRIBES WHERE RECOMMENDED COPPER FILL AREAS SHOULD BE.
- 2) COPPER MUST EXTEND ALL THE WAY TO THE PCB EDGE.

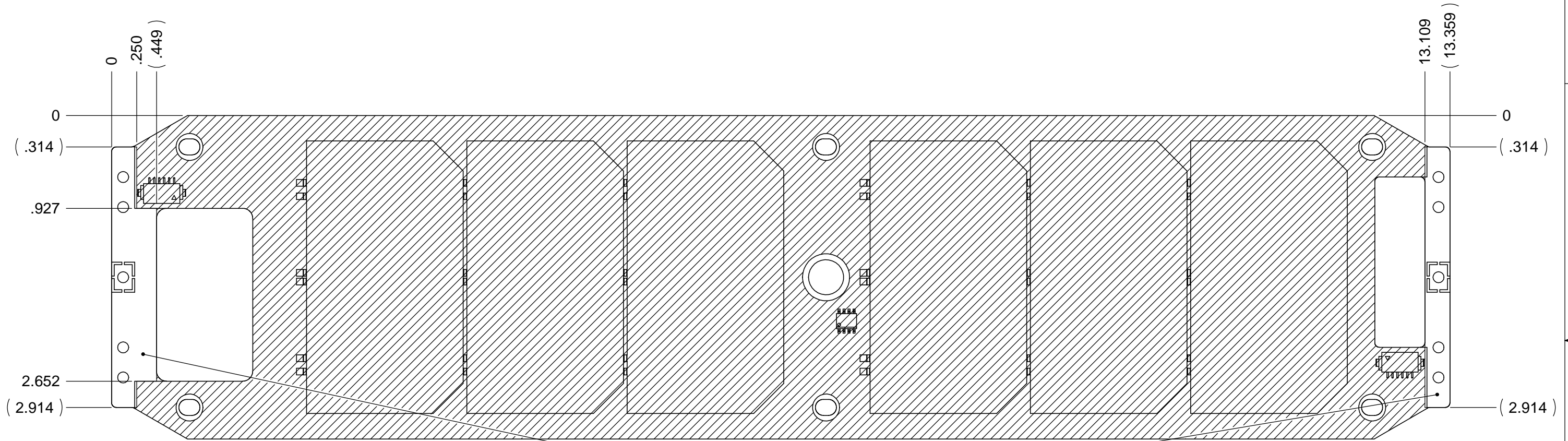
MATERIAL: SEE NOTES	FINISH: SEE NOTES	HEAT TREAT: NONE	WEIGHT:
		750 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .X = ± .030 .XX = ± .010 ± 0° 30" .XXX = ± .005		APPROVALS DRAWN AWR CHECKED QUAL ENG	DATE 10/28/08
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DO NOT SCALE DRAWING	TITLE PCB, Solar Array Panel, 3U, Deployable SIZE B DWG. 705-00462 REV B0 SCALE 3:4 SHEET 2 OF 3

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REVISION HISTORY


REV	LOC	DESCRIPTION	DATE	APP'VD
B0		NO CHANGE TO THIS SHEET	04/30/2009	AWR



COPPER-FILL

NOTES:

- 1) THIS DRAWING DESCRIBES WHERE IT IS SAFE TO MOUNT COMPONENTS AND/OR RUN TRACES AND EXPOSED PADS ON THE PCB (SHADED AREA).

MATERIAL: SEE NOTES	FINISH: SEE NOTES	HEAT TREAT: NONE	WEIGHT:
		750 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .X = ± .030 .XX = ± .010 ± 0° 30" .XXX = ± .005	APPROVALS	DATE	TITLE
	DRAWN AWR	10/28/08	PCB, Solar Array Panel, 3U, Deployable
	CHECKED		
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	DO NOT SCALE DRAWING	SIZE B DWG. 705-00462 REV B0 SCALE 1:1 SHEET 3 OF 3	