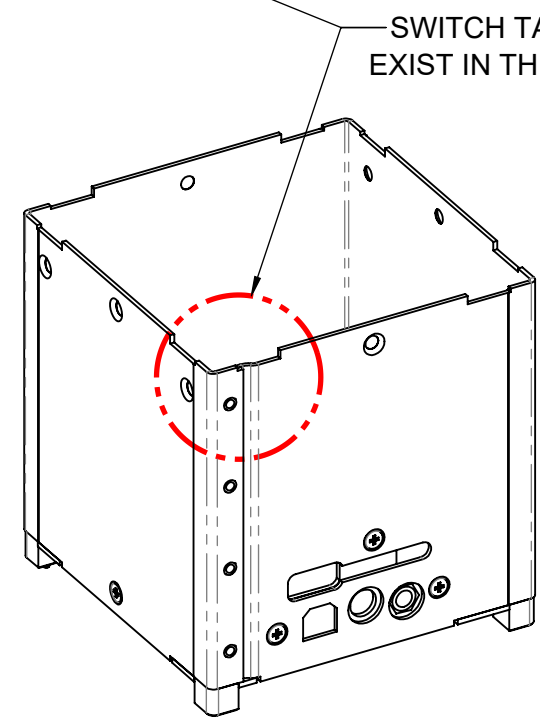
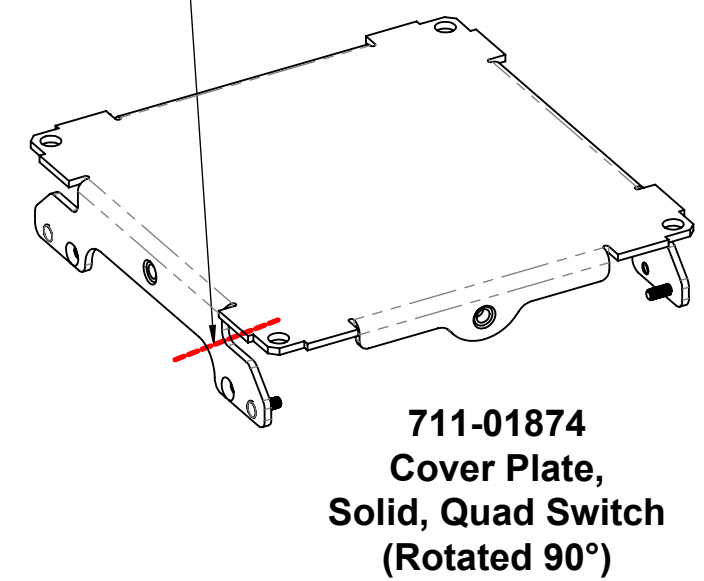
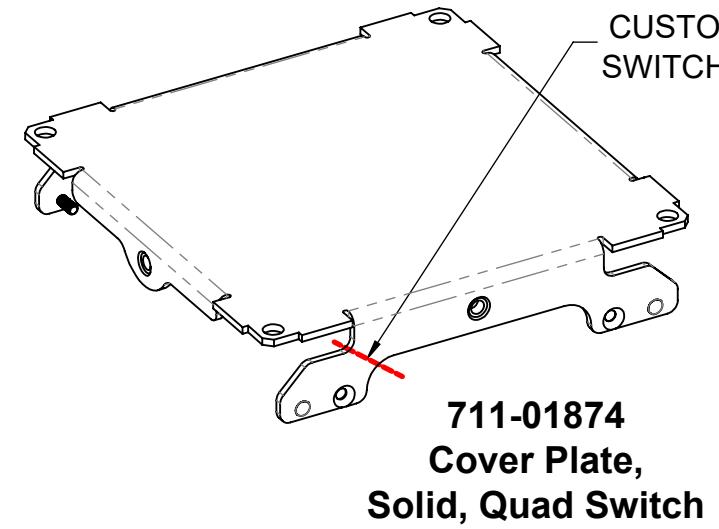
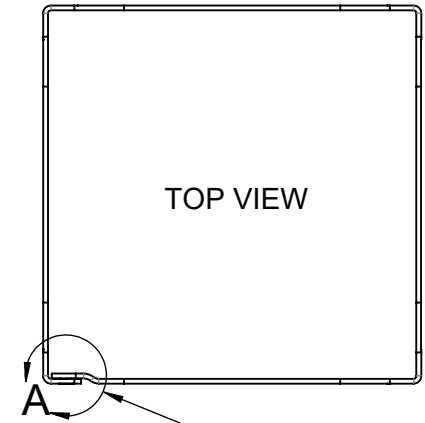
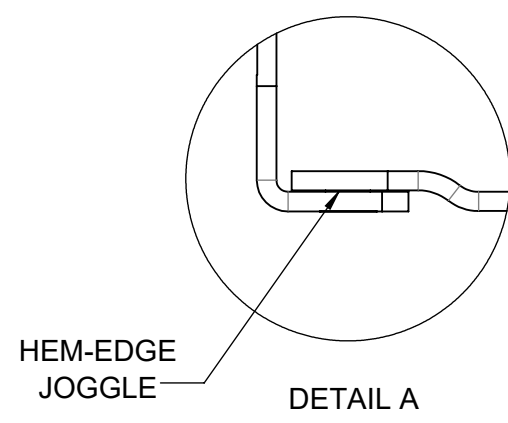


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REVISIONS				
LOC	REV	DESCRIPTION	DATE	APP'VD
	A00		10/21/2021	AWR
	A01		10/21/2021	AWR



NOTE: AS-IS, THIS COVERPLATE WITH 4 SWITCH TABS IS INCOMPATIBLE WITH THE PUMPKIN CUBESAT KIT CHASSIS, DUE TO THE CORNER OF THE CSK CHASSIS THAT HAS THE RIVETED HEM EDGE. REMOVE ONE SWITCH TAB TO MAKE IT COMPATIBLE. REMOVING TAB #1 VS. TAB #2 WILL ROTATE THE ORIENTATION OF THE COVERPLATE ASSEMBLY WHEN MOUNTED IN THE CHASSIS. SEE SHEETS 2 & 3 FOR FURTHER DESCRIPTION OF 711-01873 & 711-01874.

**703-00243
Pumpkin 1U Chassis, Solid**

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 DRAWN JSC 06/04/24 CHECKED AWR 06/10/24 QUAL ENG	TITLE Quad Switch Cover Plates SIZE DWG. REV B 711-01873 & 711-01874 A1
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DO NOT SCALE DRAWING	SCALE : NONE SHEET 1 OF 4

8 7 6 5 4 3 2 1

PROPRIETARY NOTICE

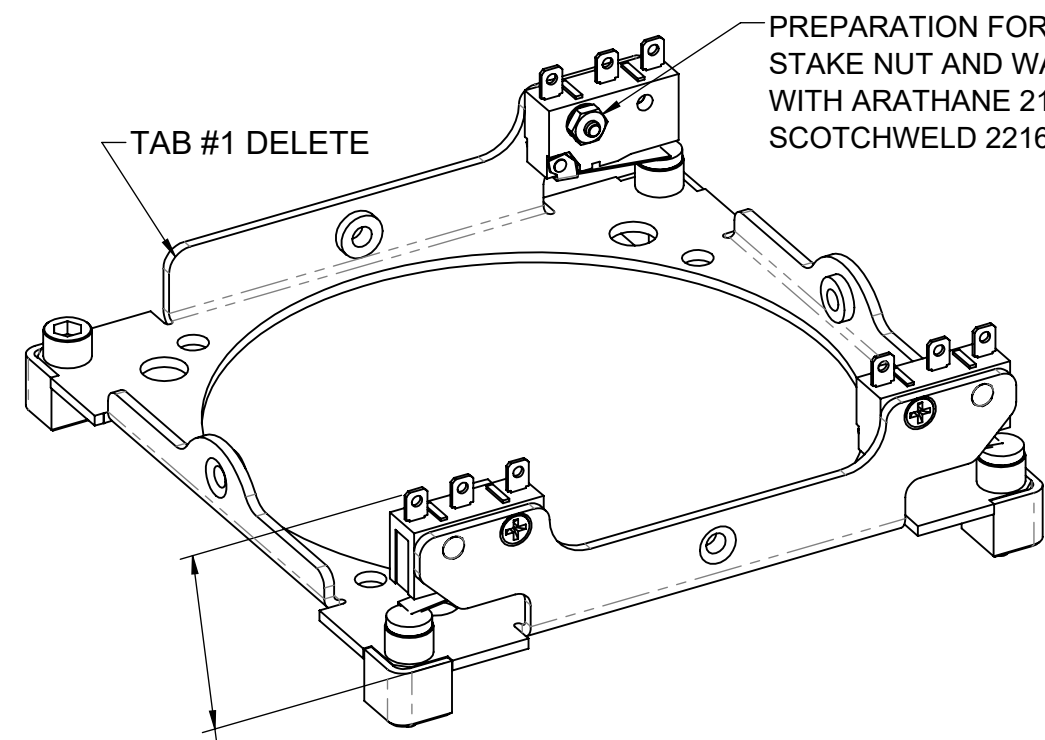
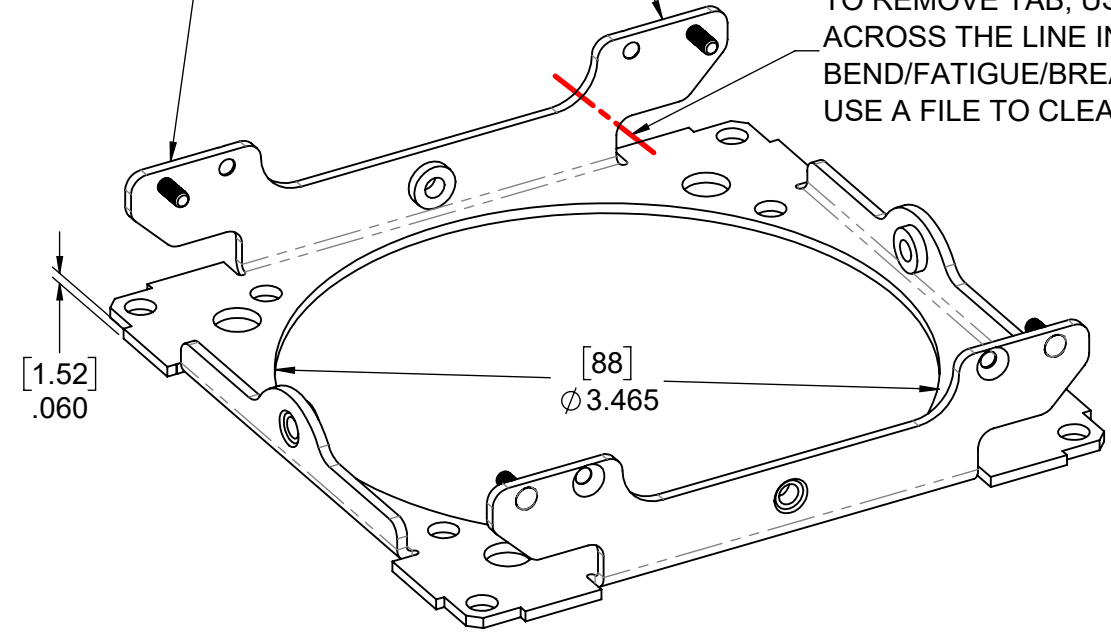
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REVISIONS				
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	A00		10/21/2021	AWR
	A01		10/21/2021	AWR

CUSTOMER TO DELETE SWITCH TAB OF CHOICE

TO REMOVE TAB, USE DYKES TO SCORE ACROSS THE LINE INDICATED, THEN BEND/FATIGUE/BREAK TAB OFF, THEN USE A FILE TO CLEAN UP THE CORNER.

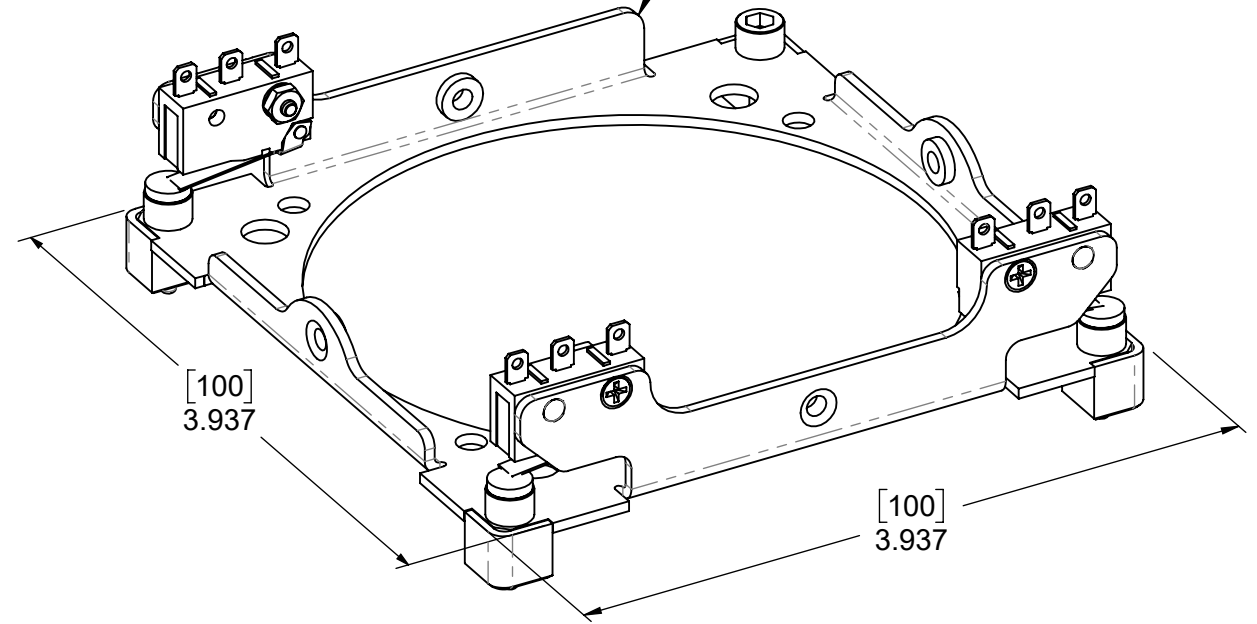
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PREPARATION FOR FLIGHT: STAKE NUT AND WASHER (3 PLACES) WITH ARATHANE 2151 B/A/TX, OR SCOTCHWELD 2216 B/A

[22.07] .869 FROM INSIDE SURFACE OF COVER PLATE TO SOLDER TAB

TAB #2 DELETE



MATERIAL: SEE NOTES	FINISH: SEE NOTES	HEAT TREAT: NONE	WEIGHT:
PUMPKIN INCORPORATED		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:	APPROVALS	DATE	TITLE
FRACTIONS DECIMALS ANGLES .X = ± .030 .XX = ± .010 ± 0° 30" .XXX = ± .005	DRAWN JSC CHECKED AWR QUAL ENG	06/04/24 06/10/24	Cover Plate, Large Aperture, Quad Switch
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE	DO NOT SCALE DRAWING	SCALE : NONE	SIZE B DWG. 711-01873 REV A1 SHEET 2 OF 4

8 7 6 5 4 3 2 1

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[1.52]
.060

TAB #2 DELETE

TAB #1 DELETE


PREPARATION FOR FLIGHT:
STAKE NUT AND WASHER (3 PLACES)
WITH ARATHANE 2151 B/ATX, OR
SCOTCHWELD 2216 B/A

[22.07]
.869

FROM INSIDE SURFACE OF COVER PLATE TO SOLDER TAB

[100]
3.937

[100]
3.937

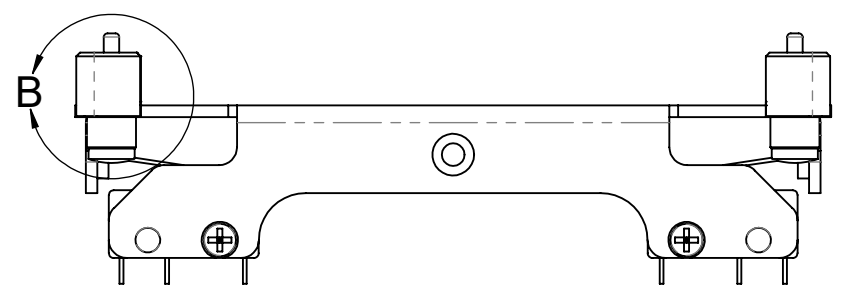
MATERIAL: SEE NOTES	FINISH: SEE NOTES	HEAT TREAT: NONE	WEIGHT:
		750 Naples - San Francisco - CA 94112 (415) 584-6360 ph - (415) 585-7948 fax info@pumpkininc.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .X = ± .030 .XX = ± .010 ± 0° 30" .XXX = ± .005		APPROVALS DATE DRAWN JSC 06/04/24 CHECKED AWR 06/10/24 QUAL ENG	TITLE <h3 style="text-align: center;">Cover Plate, Solid, Quad Switch</h3> SIZE DWG. REV B 711-01874 A1
CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DO NOT SCALE DRAWING	SCALE : NONE SHEET 3 OF 4

8 7 6 5 4 3 2 1

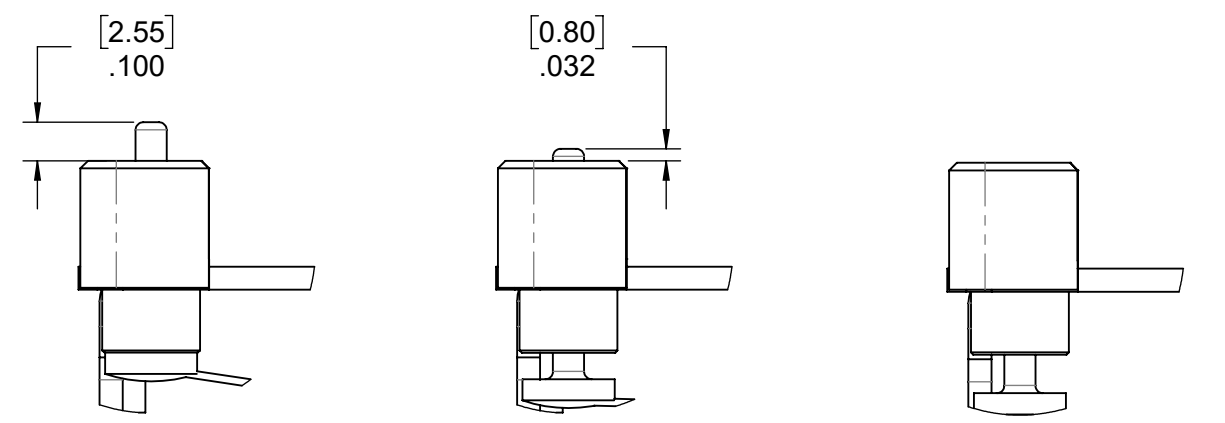
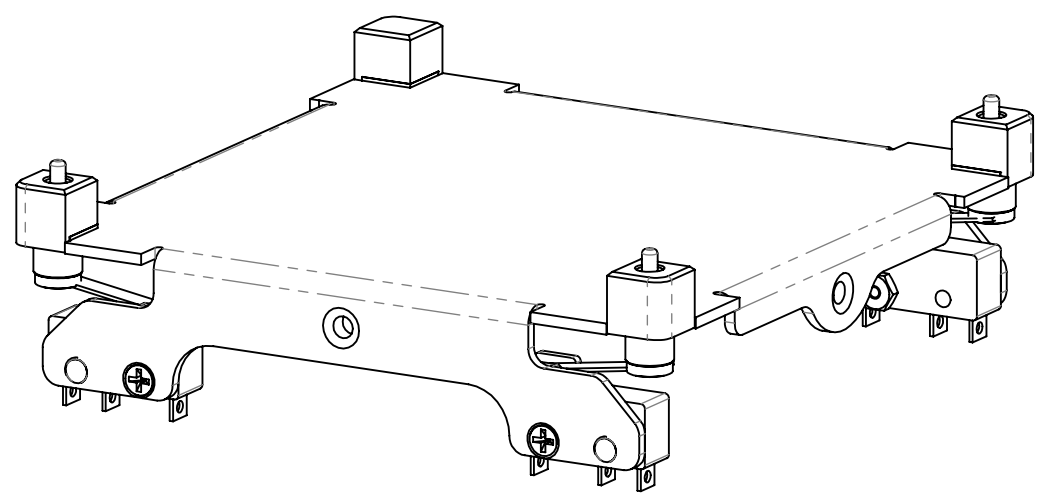
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**711-01874
Cover Plate,
Solid, Quad Switch**



**SWITCH CONTACT
OPEN POSITION**


**SWITCH CONTACT
CLOSED POSITION**

**SWITCH CONTACT
OVERTRAVEL POSITION**

**DETAIL B
SCALE 2 : 1**

NOTES:

1. THE SWITCH IS ENGAGED WHEN IT TRAVELS FROM THE OPEN POSITION TO THE CLOSED POSITION. THE DISTANCE OF THIS TRAVEL IS 1.75mm.
2. THE MAXIMUM ALLOWABLE STROKE OF THE SWITCH OCCURS WHEN THE SWITCH IS TRANSLATED FROM THE OPEN POSITION TO THE OVERTRAVEL POSITION. THE DISTANCE OF THIS TRAVEL IS 2.55mm.
3. EACH SWITCH REQUIRES APPROXIMATELY 0.4N OF FORCE TO MOVE FROM THE OPEN POSITION TO THE CLOSED POSITION.

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	
		SWITCH TRAVEL & SWITCH FORCE	
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CAD GENERATED DRAWING, DO NOT MANUALLY UPDATE		DO NOT SCALE DRAWING	TITLE SWITCH TRAVEL & SWITCH FORCE SIZE B DWG. 711-01874 REV A1 SCALE 1:1 SHEET 4 OF 4

8 7 6 5 4 3 2 1