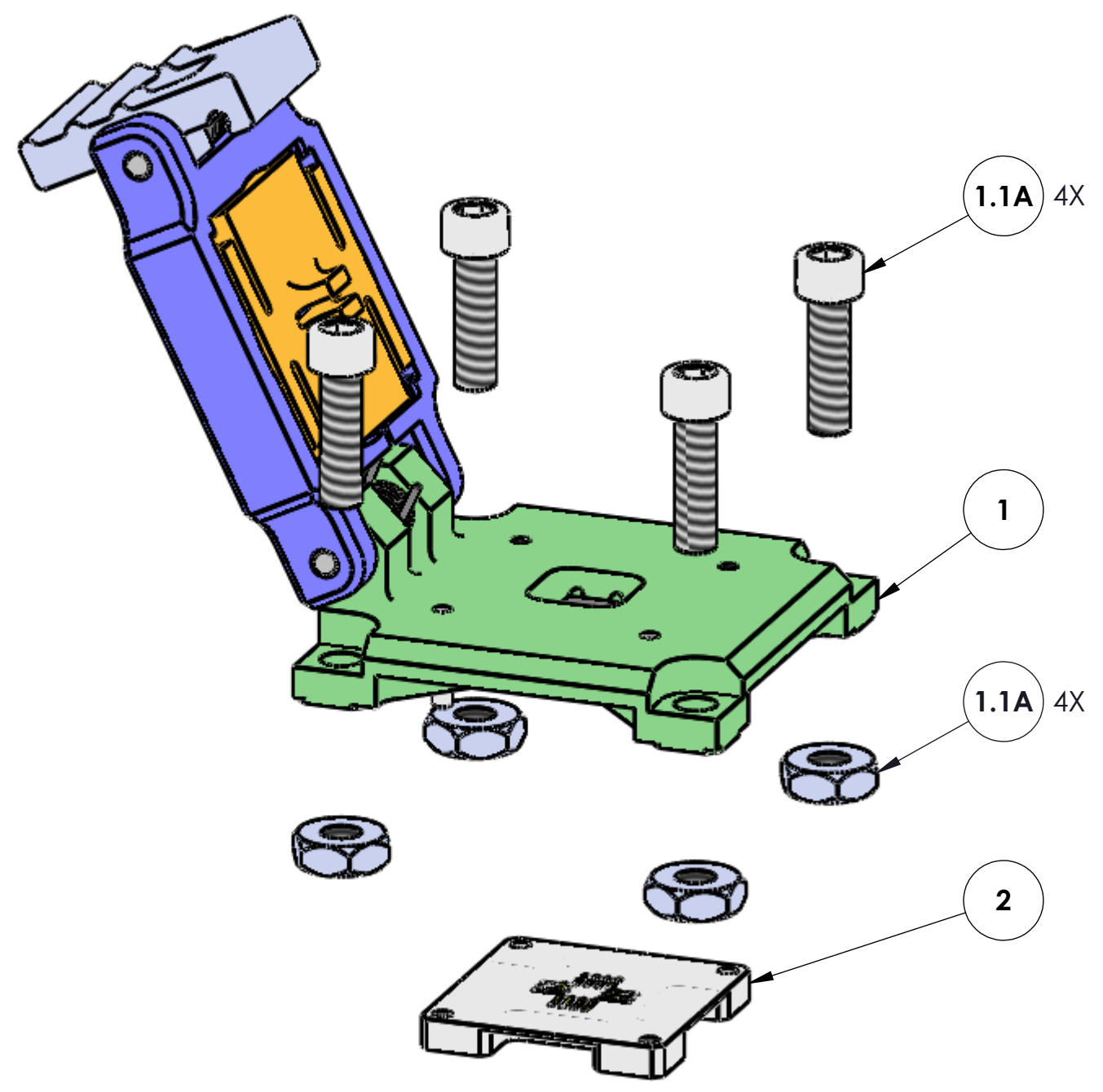
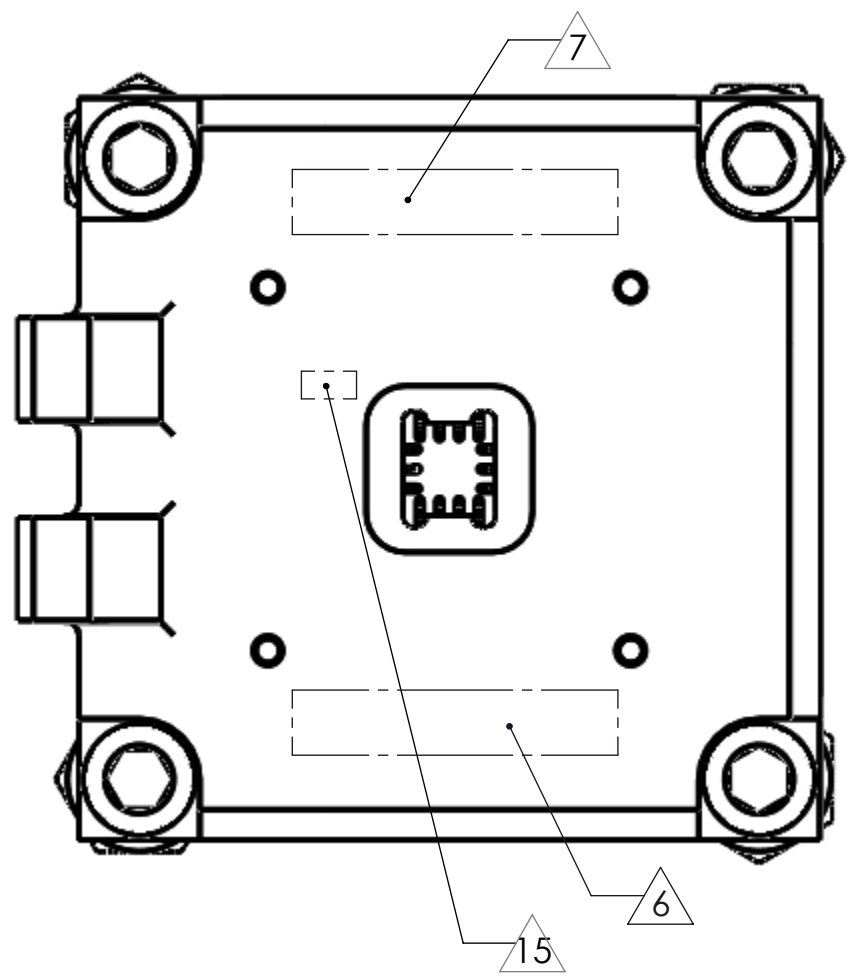
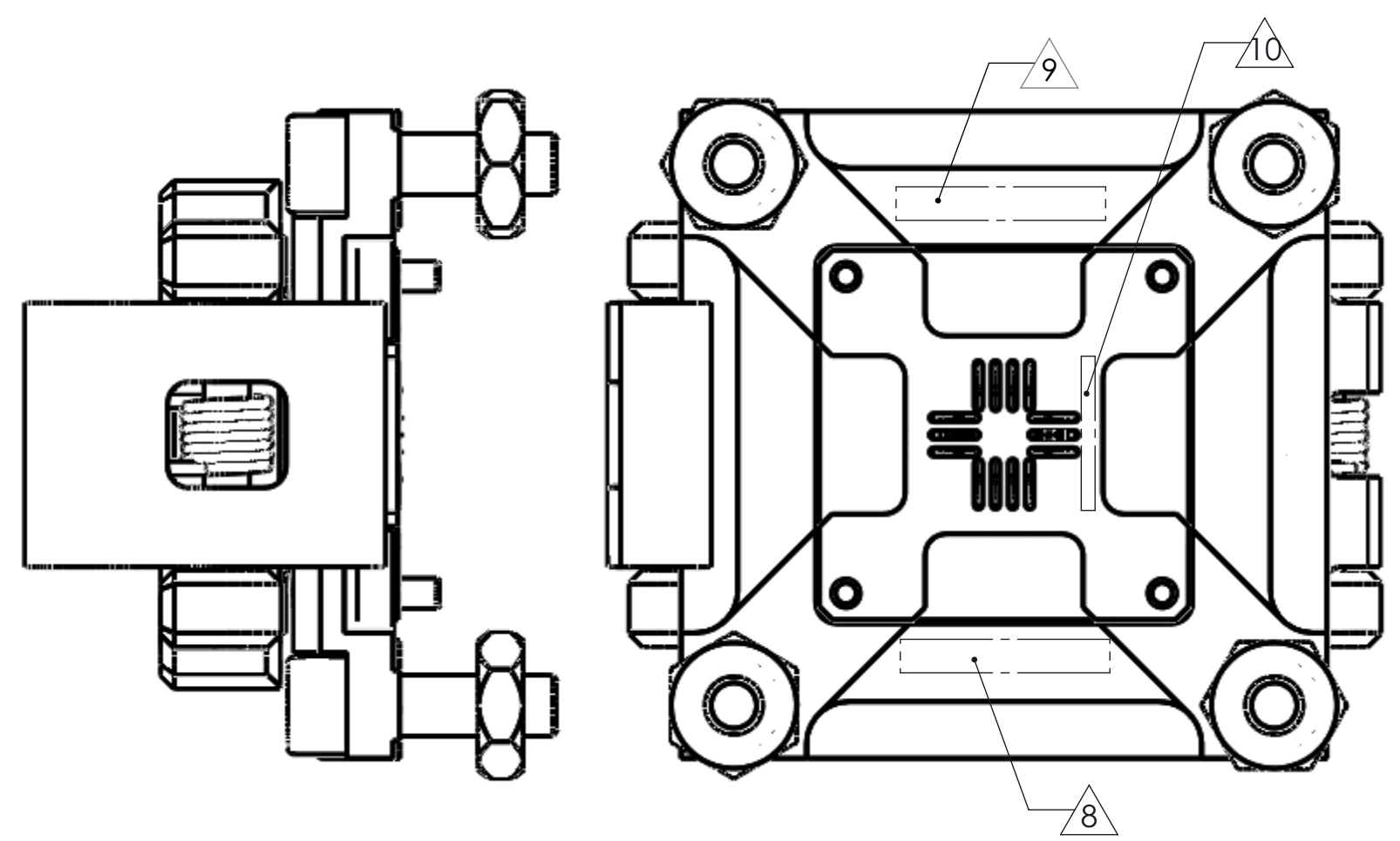
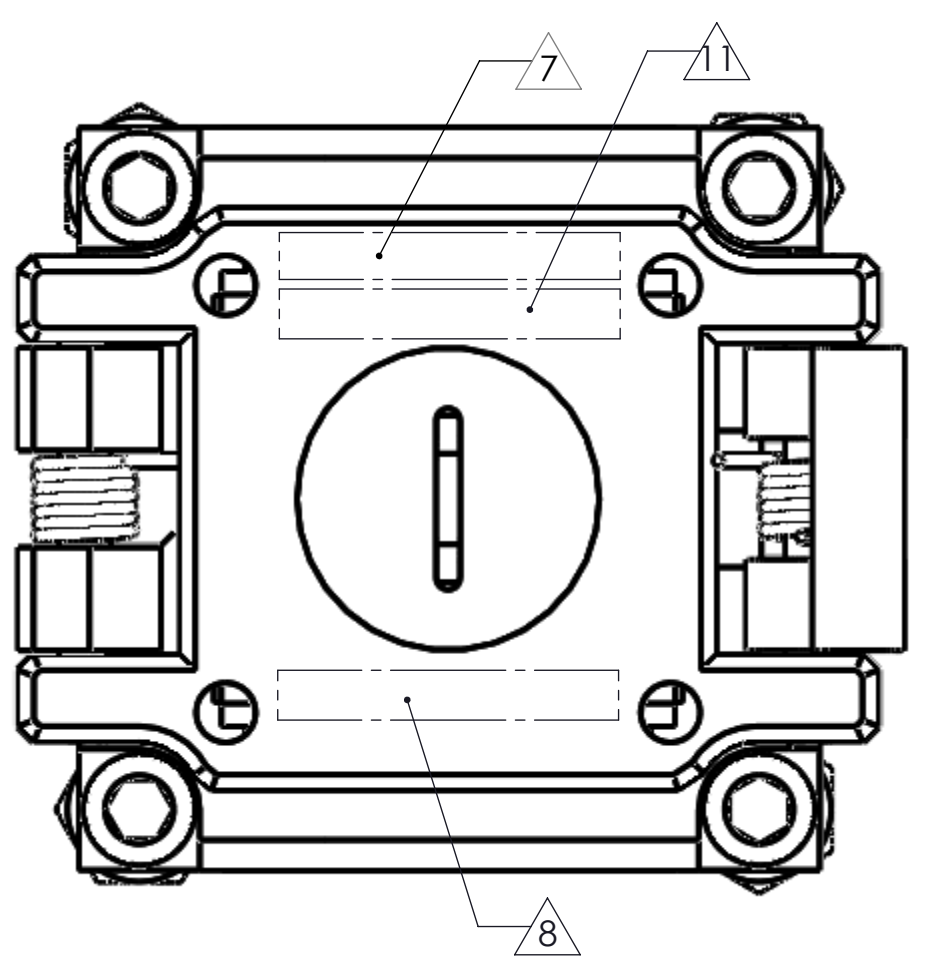


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31704	RS	INITIAL DESIGN	NSJ	11/04/15



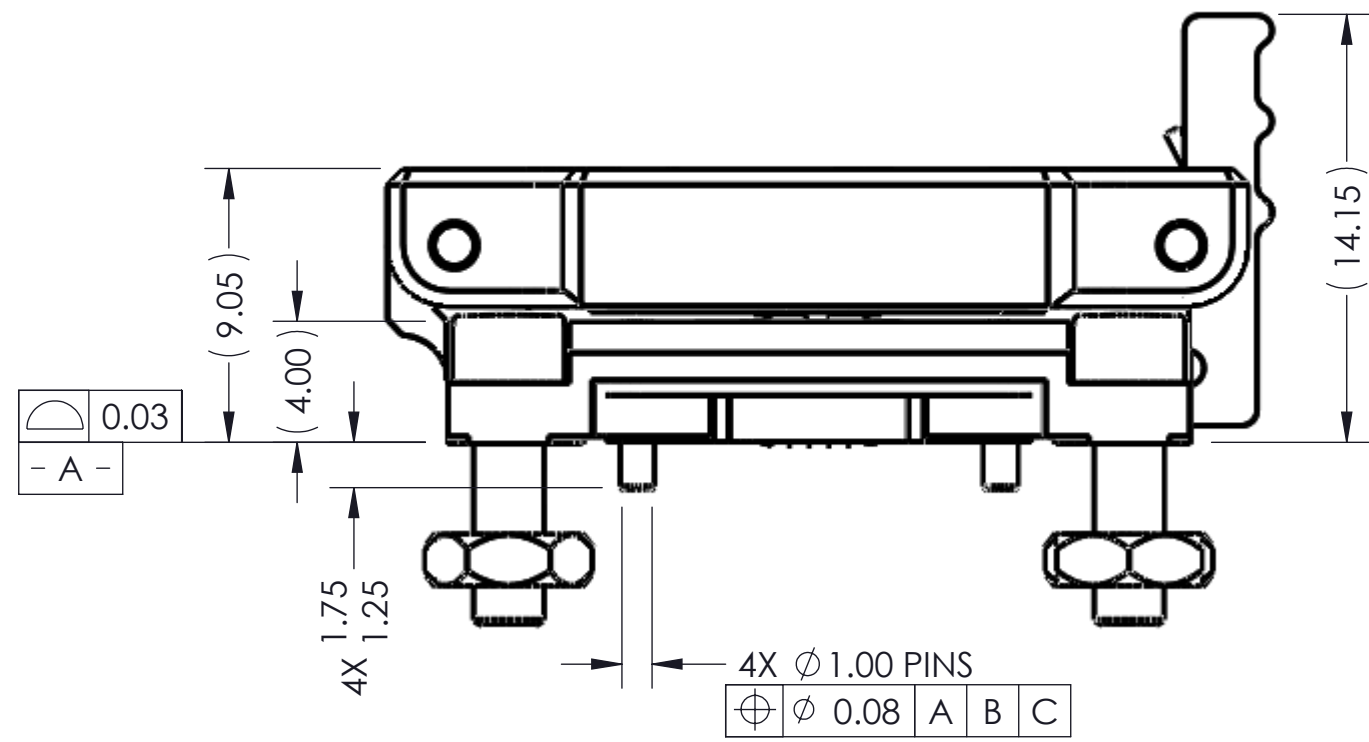
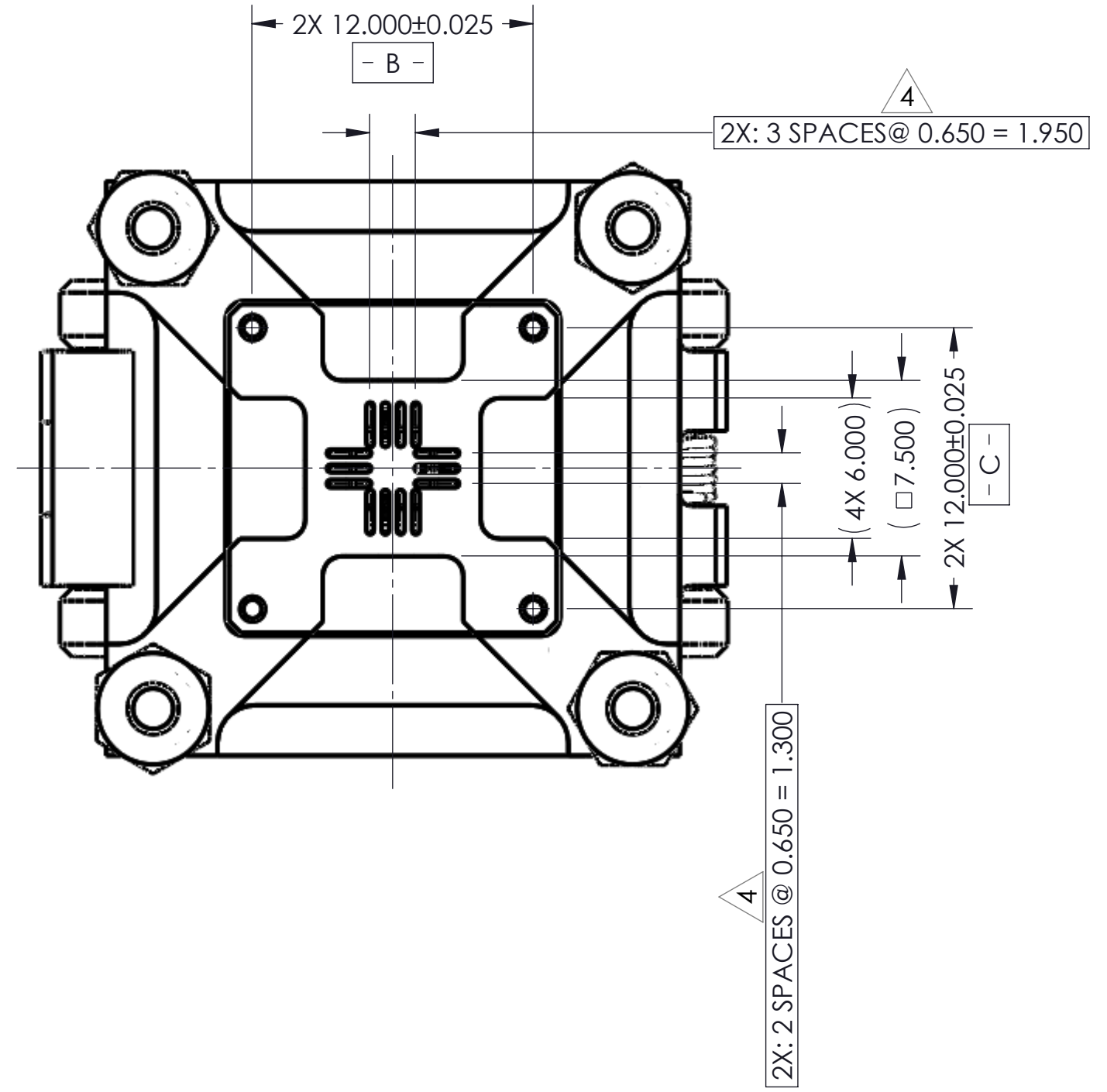
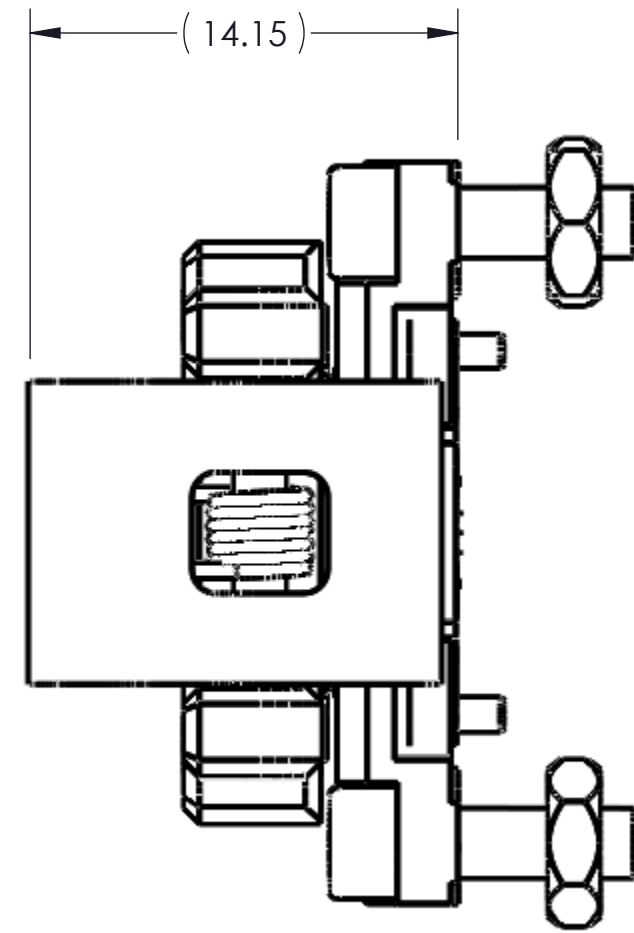
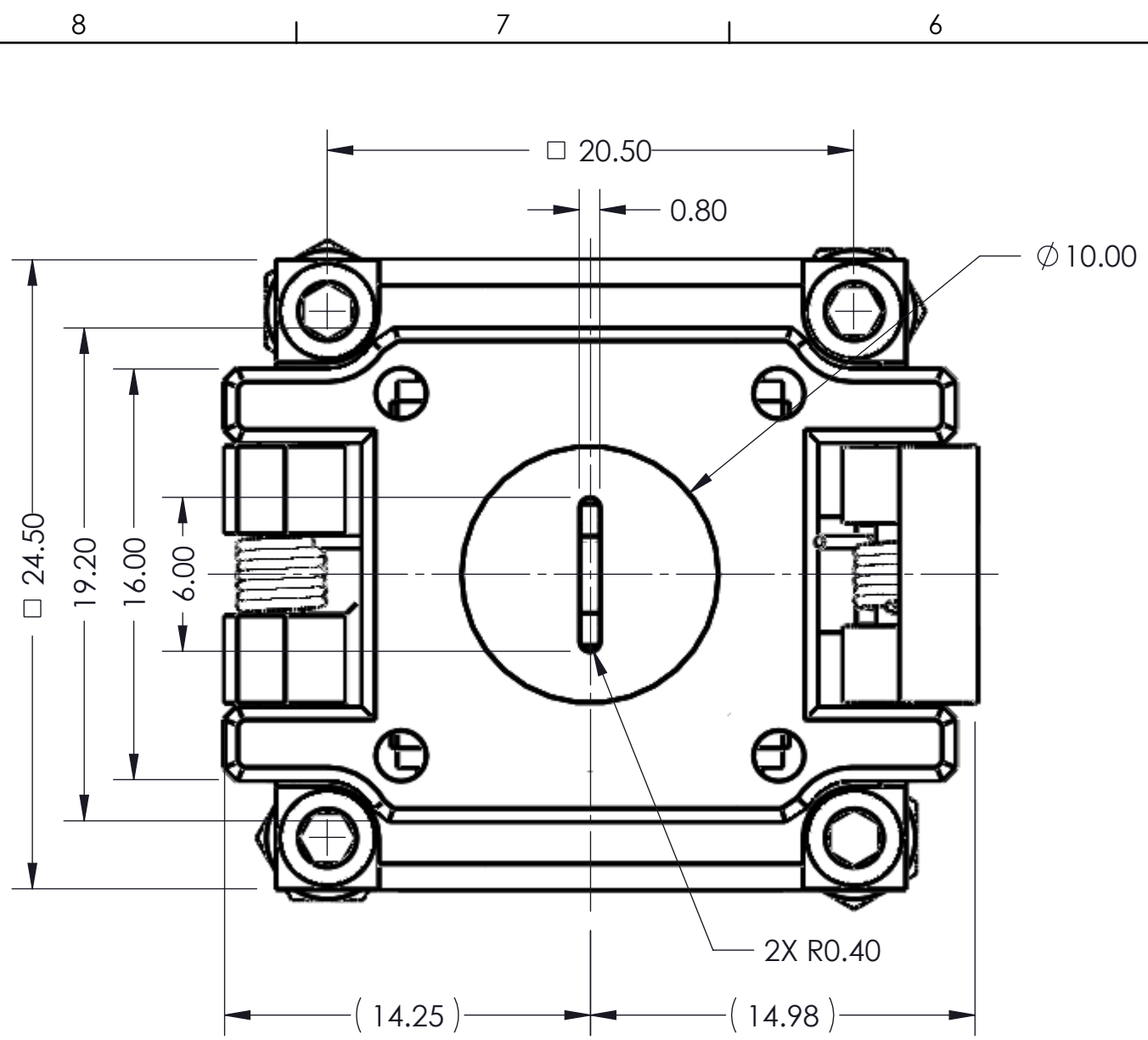
Notes:

1. Latches to move freely and return to closed position when released.
2. Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
3. Footprint part number is 100667-0045.
4. Dimension locates center line of contact.
5. Minimum force applied to device at test is 630g.
6. Socket part number and rev level.
7. Company logo (OPTIONAL).
8. "MADE IN USA" and date code.
9. Frame part number and rev level (OPTIONAL).
10. Contact set part number and rev level (if room allows).
11. Customer part number (OPTIONAL).
12. Socket is RoHS compliant.
13. Contact tip position (tip is defined as the highest point of the contact).
14. In a mounted condition.
15. Engrave "Pin 1" (optional).

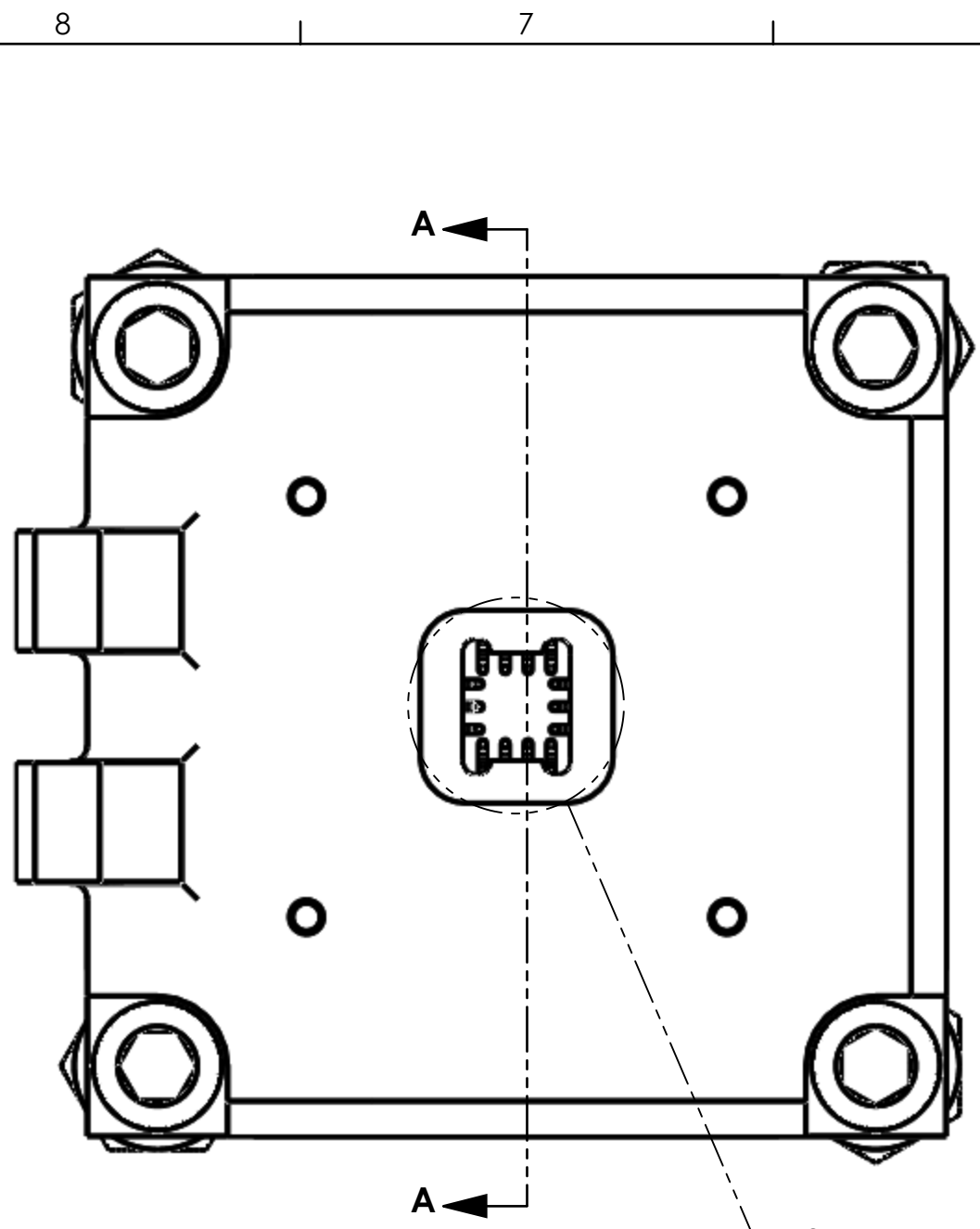
Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0211	SCKT, 14PQFN 3.0-0.65
1	1	101082-0049	ASSY, L/F, QFN 3.0
1.1A	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
1.1B*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4
2	1	106460-0211	CS, 14PQFN 3.0-0.65

*Items not shown.

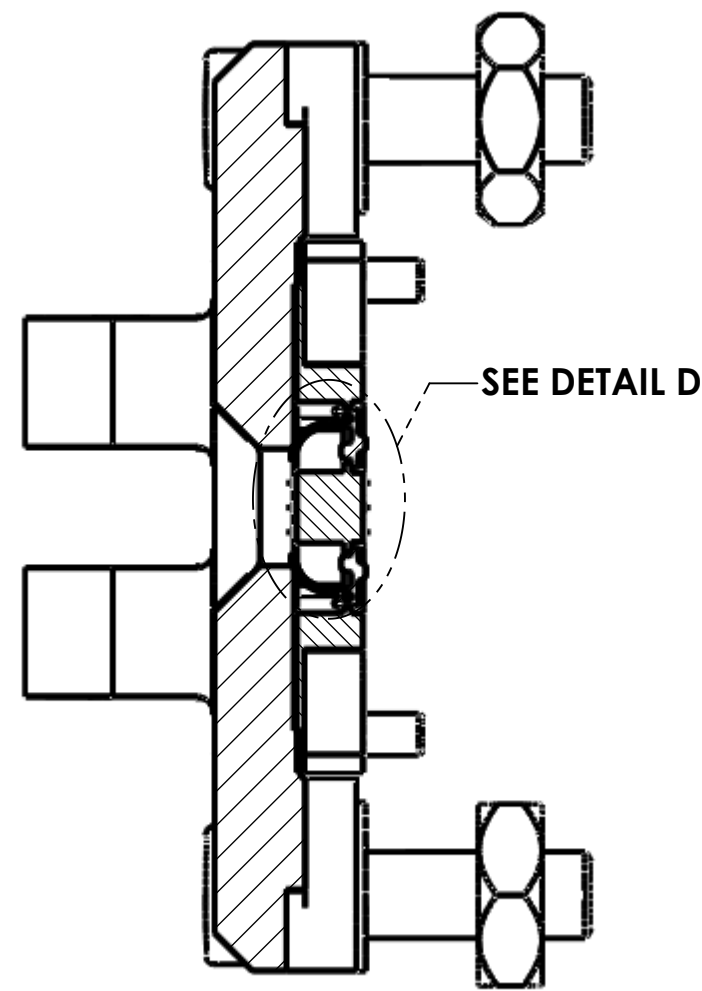
UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES ±1° DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HSIO TECHNOLOGIES, LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF HSIO TECHNOLOGIES, LLC. IS PROHIBITED.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		HSIO TECHNOLOGIES, LLC. 13400 68th AVENUE NORTH MAPLE GROVE, MINNESOTA 55311 763-447-6260	
DRAWING APPROVALS		SCKT, 14PQFN 3.0-0.65	
NAME	DATE	TITLE	
R. Sewharack	11/04/15	SCKT, 14PQFN 3.0-0.65	
APPVD		SIZE	REV.
N. St Jacques	11/04/15	C	A
THIRD ANGLE PROJECTION		CAD FORMAT	DRAWING NO.
		SOLIDWORKS	106458-0211
LEGEND:		SCALE	MATERIAL
NOTE CALLOUT			SEE BOM
REVISION CHANGE			
ITEM NUMBER			
		SHEET	1 of 4



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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES X.X ±0.25 ±1° X.XX ±0.10 X.XXX ±0.050</small>		HSIO TECHNOLOGIES, LLC. 13400 68th AVENUE NORTH MAPLE GROVE, MINNESOTA 55311 763-447-6260	
SCKT, 14PQFN 3.0-0.65		A	
<small>LEGEND:</small> (X) NOTE CALLOUT (A) REVISION CHANGE (X) ITEM NUMBER	<small>SIZE</small> C <small>CAD FORMAT</small> SOLIDWORKS <small>SCALE</small>	<small>DRAWING NO.</small> 106458-0211 <small>MATERIAL</small> See Page 1	<small>REV.</small> A <small>SHEET</small> 2 of 4

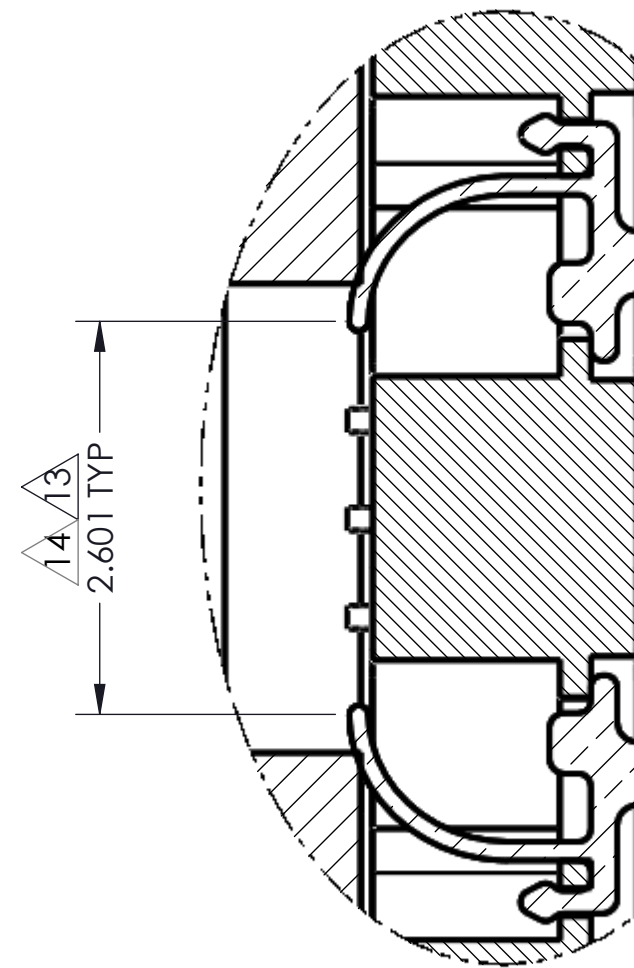


SEE DETAIL E

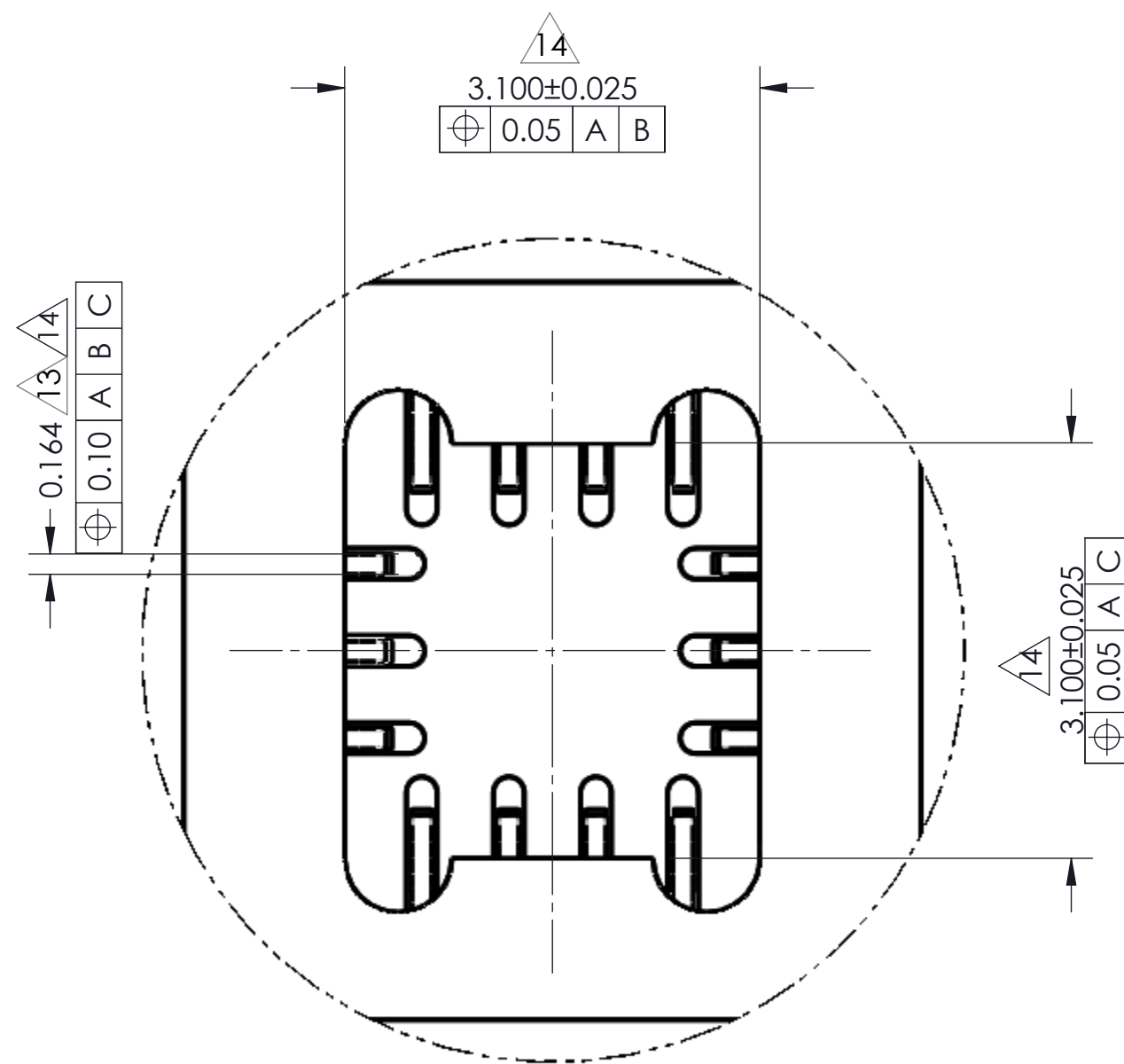


SECTION A-A

SEE DETAIL D



DETAIL D
SCALE 4:1

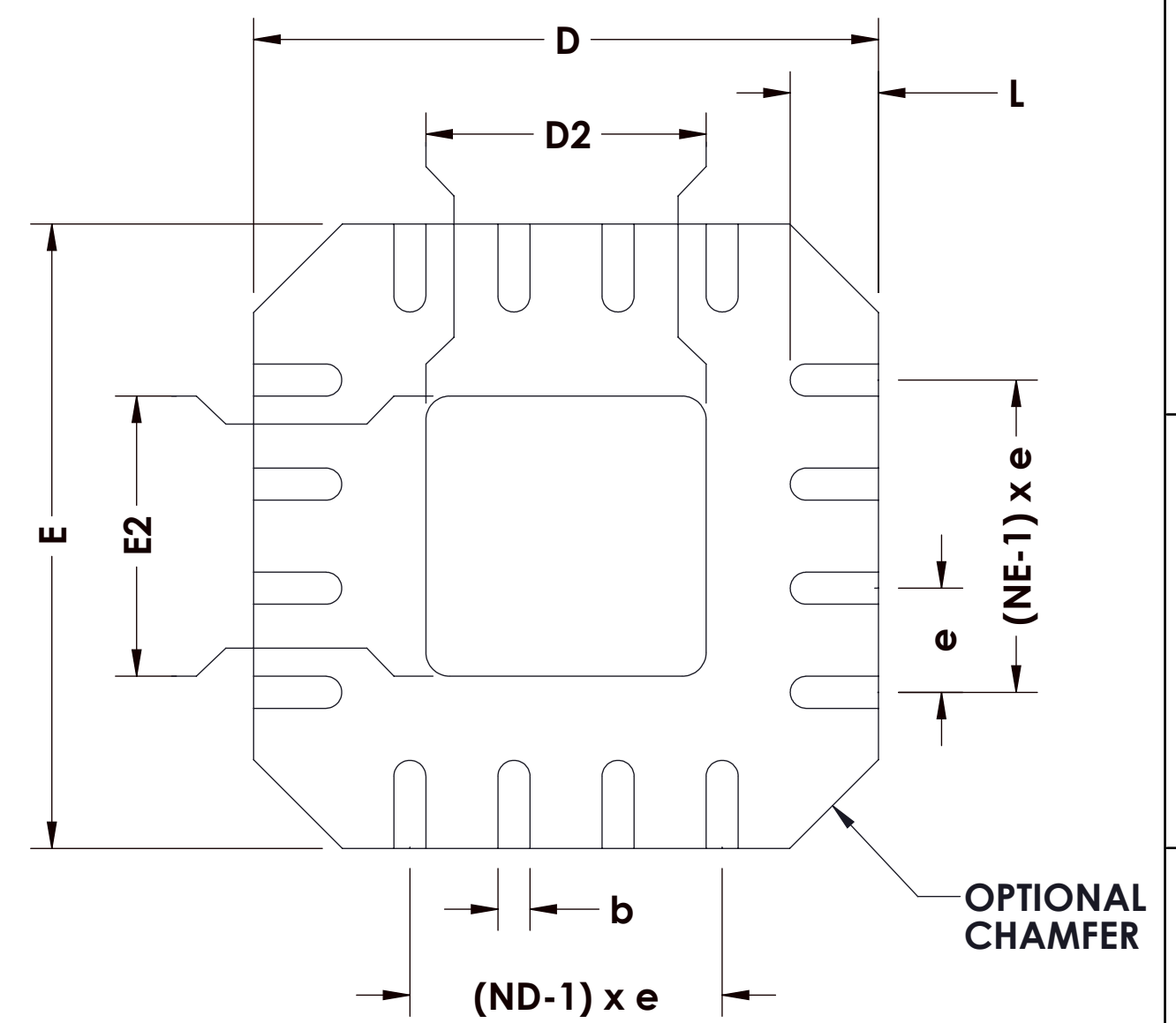
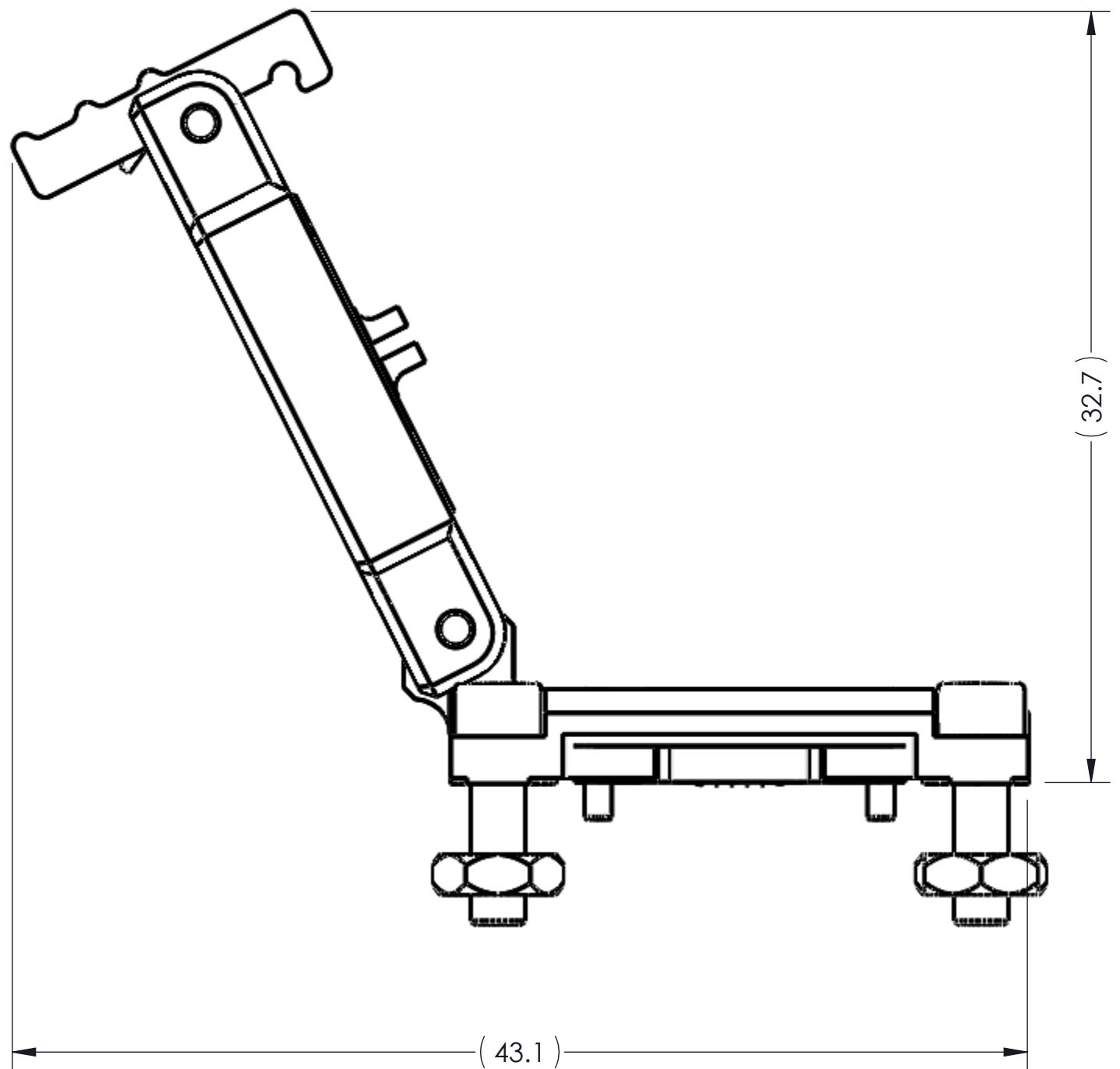


DETAIL E
SCALE 4:1

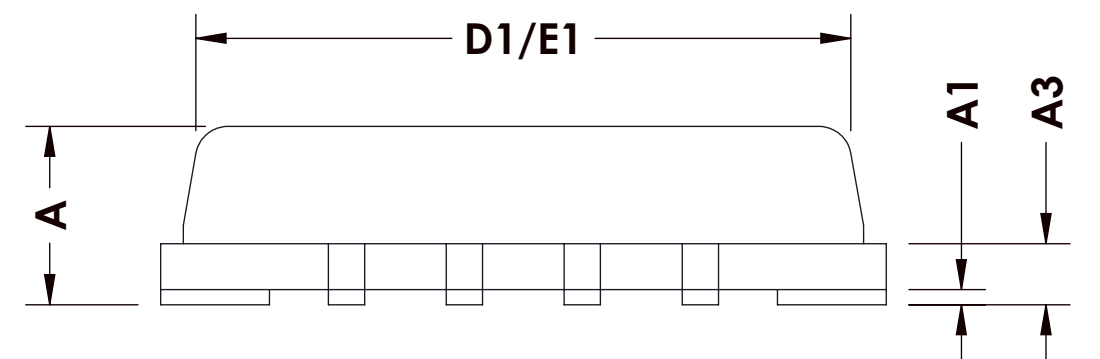
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SCKT, 14PQFN 3.0-0.65		<small>TITLE</small>	
<small>SIZE</small> C	<small>CAD FORMAT</small> SOLIDWORKS	<small>DRAWING NO.</small> 106458-0211	<small>REV.</small> A
<small>SCALE</small>	<small>MATERIAL</small>	See Page 1	<small>SHEET</small> 3 of 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	14	
Lead Count X/Y	ND/NE	4	3
Device Type		QFN (MLP, MLF)	
Package Size	D/E	$3.00 \pm 0.05^*$	$2.50 \pm 0.05^*$
Pitch	e	0.650	
Encapsulant Size	D1/E1	N/A	N/A
Ground Pad	D2/E2	N/A	N/A
Package Height	A	0.65-1.00	
Pad Height	A1	0.00-0.05	
Substrate Height	A3	0.775 NOM	
Pad Width	b	0.25 MIN	
Pad Length	L	0.40 MIN	

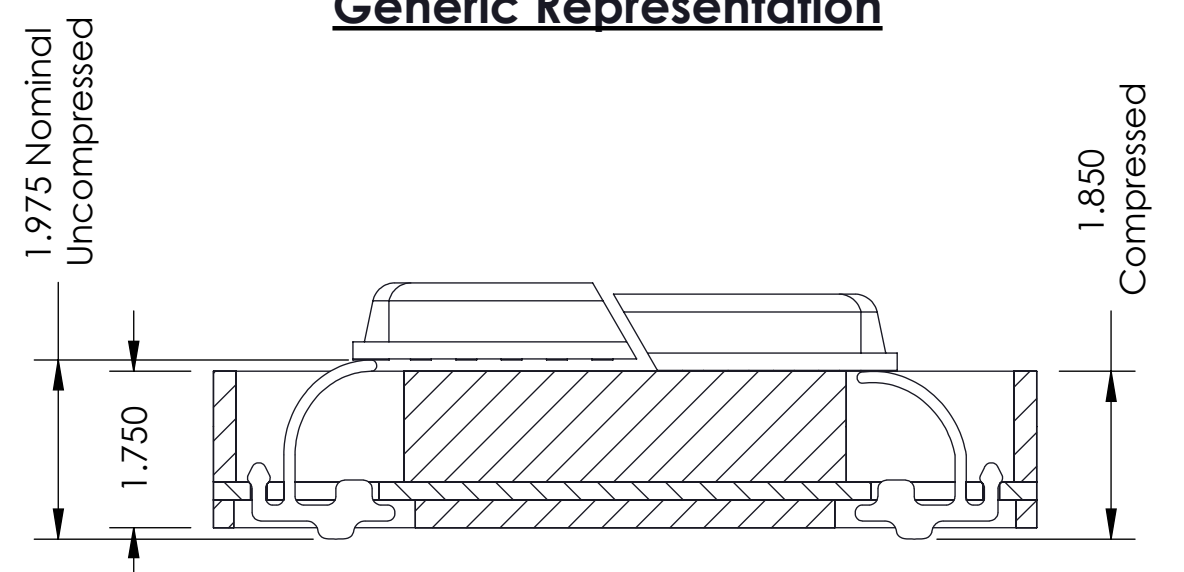
All Dimensions are in millimeters
 * Due to the potential small size of the device pads, the device opening is 0.100 ± 0.025 larger than D and E. At maximum material conditions (maximum device size, minimum connector opening) there will be an interference fit. Contact Hsio Technologies for more details.



OPTIONAL CHAMFER



Generic Representation



Generic Representation

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SCKT, 14PQFN 3.0-0.65		106458-0211	
<small>LEGEND:</small> (X) NOTE CALLOUT (A) REVISION CHANGE (X) ITEM NUMBER	<small>SCALE</small> C	<small>CAD FORMAT</small> SOLIDWORKS	<small>REV.</small> A
See Page 1		4 of 4	