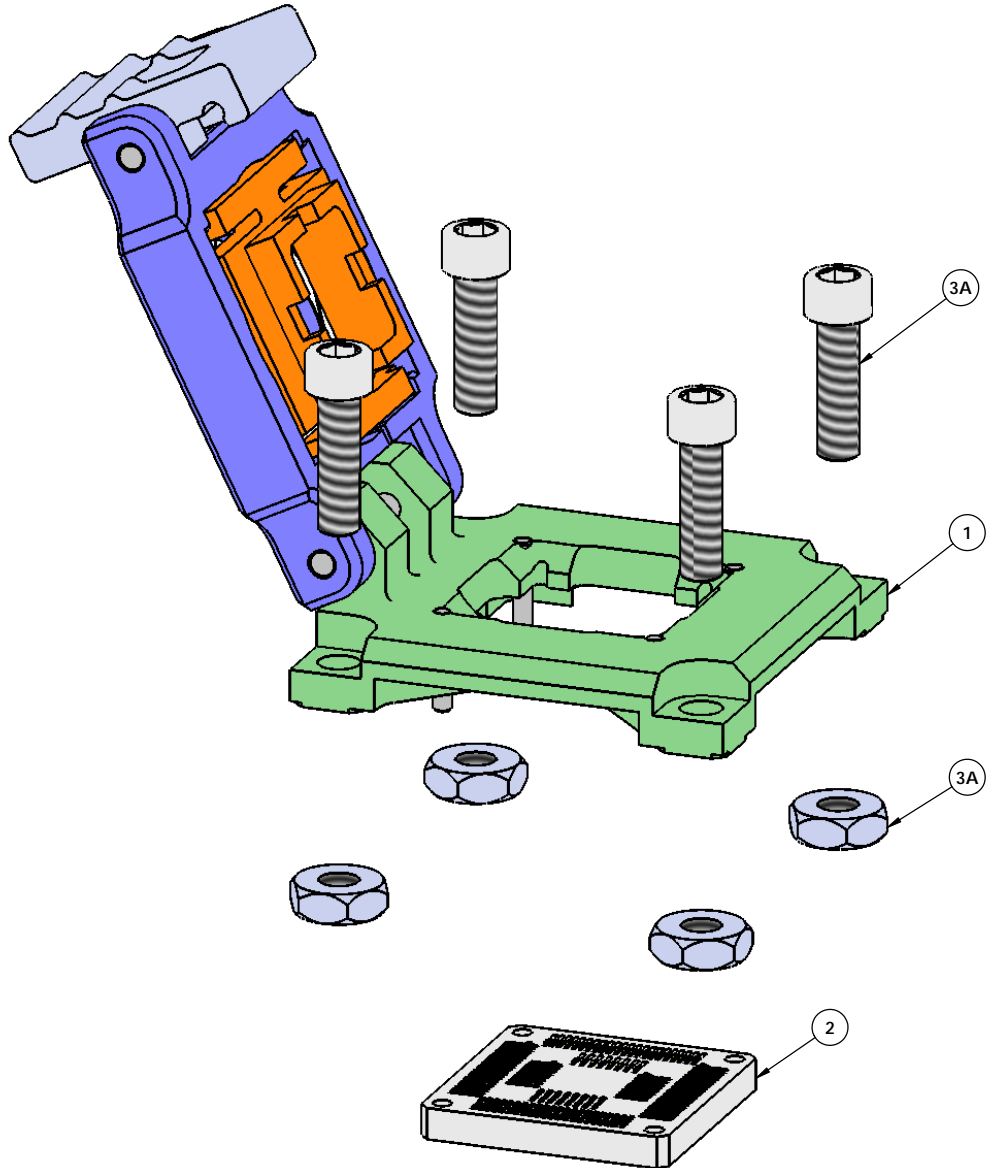


REV	ECO	BY	DESCRIPTION	APV	DATE
A			Initial Design		
B	30722	AS	Updated CS to current std, Created Sckt drawing	KW	03/01/11



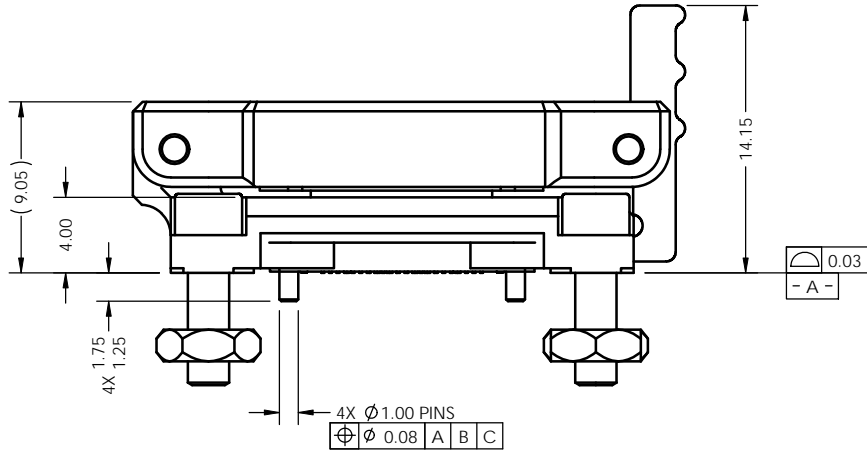
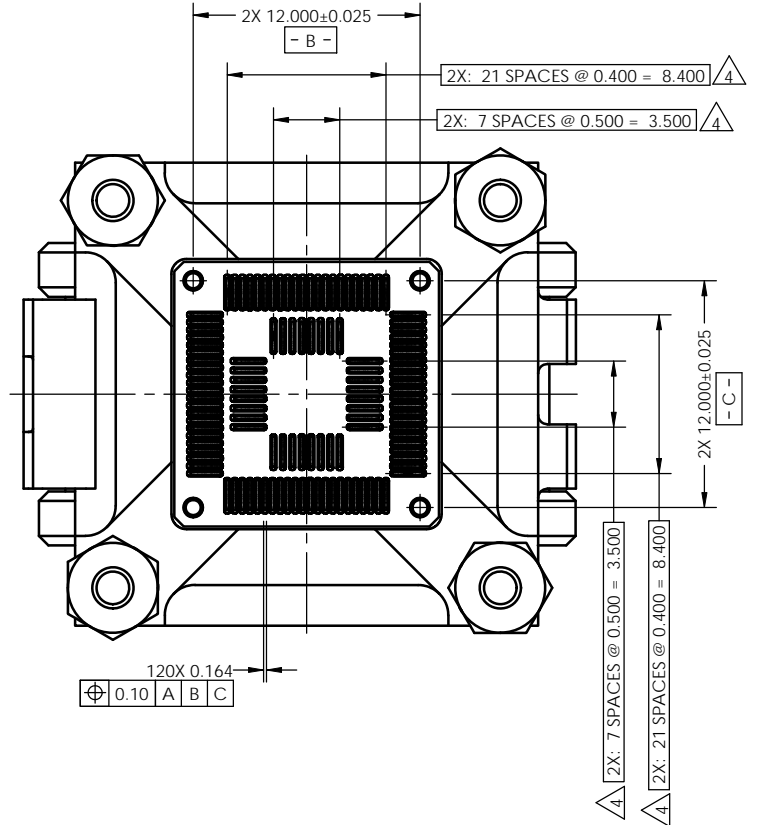
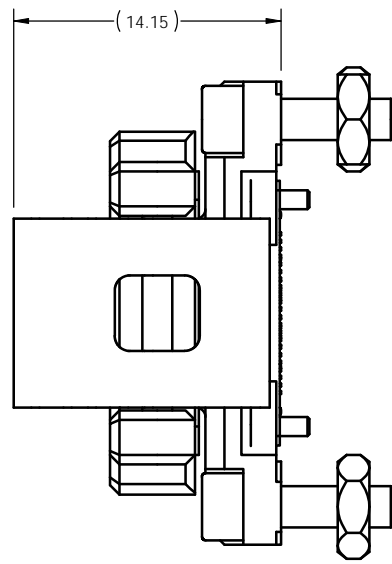
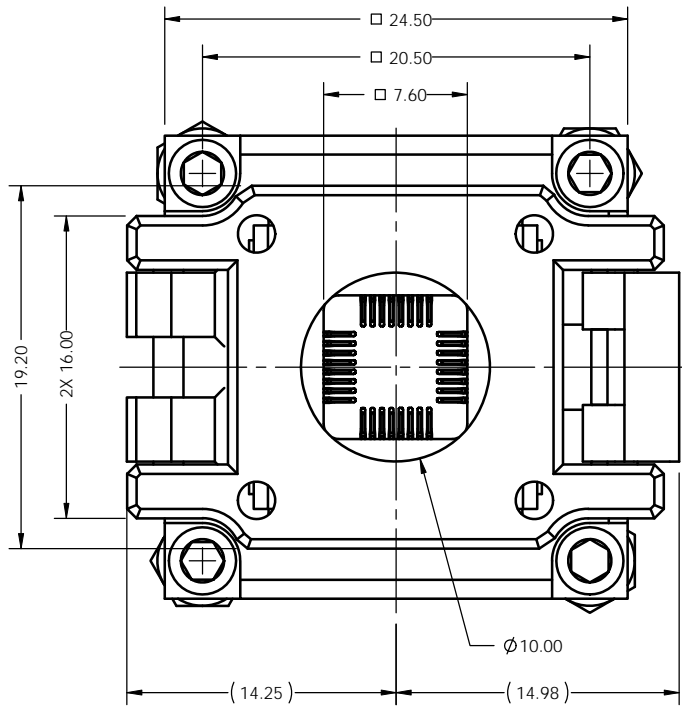
Notes:

- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
- Footprint part number is 100672-0013.
- $\triangle$  Dimension locates center line of contact.
- Minimum force applied to device at test is 4800g.
- Socket is RoHS compliant.
- $\triangle$  Contact tip position (tip is defined as the highest point of the contact).
- $\triangle$  In a mounted condition.
- See Part Marking Standard 107340-0002 for engraving instructions.

Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0044	SCKT, 88PQFN10-0.40
1	1	101082-0210	ASSY, L/F, PQFN10, 1.80
2	1	106460-0044	CS, 88PQFN10-0.40
3A	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
3B*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4

\*Items not shown.

<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM5 APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small> <small>ANGLES    DECIMALS</small> <small>±1°        XX    ±0.25</small> <small>          XXX   ±0.10</small> <small>          XXXX ±0.50</small>	<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.</small>				<b>7115 NORTHLAND TERRACE SUITE 400</b> <b>BROOKLYN PARK, MN 55428</b> <b>(763) 509-0066</b>	
	<b>DRAWING APPROVALS</b>		<b>DATE</b>		<b>DATE</b>	
<small>LEGEND:</small> $\triangle$ NOTE CALLOUT $\triangle$ REVISION CHANGE $\times$ ITEM NUMBER		<small>DRAWN:</small> <b>A. Seiberlich</b>	<small>DATE:</small> <b>03/01/11</b>	<small>APP'D:</small> <b>K. Wilson</b>	<small>DATE:</small> <b>03/01/11</b>	<b>SCKT, 88PQFN10-0.40, HINGED</b>
<small>THIRD ANGLE PROJECTION</small> 		<small>SCALE:</small> <b>C</b>	<small>MATERIAL:</small> <b>SOLIDWORKS</b>	<small>QUANTITY:</small> <b>106458-0044</b>	<small>REV:</small> <b>B</b>	<small>SHEET:</small> <b>1 of 4</b>
		<small>SEE BOM</small>				



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 - DIMS APPLY AFTER PLATING  
 TOLERANCES UNLESS OTHERWISE NOTED:

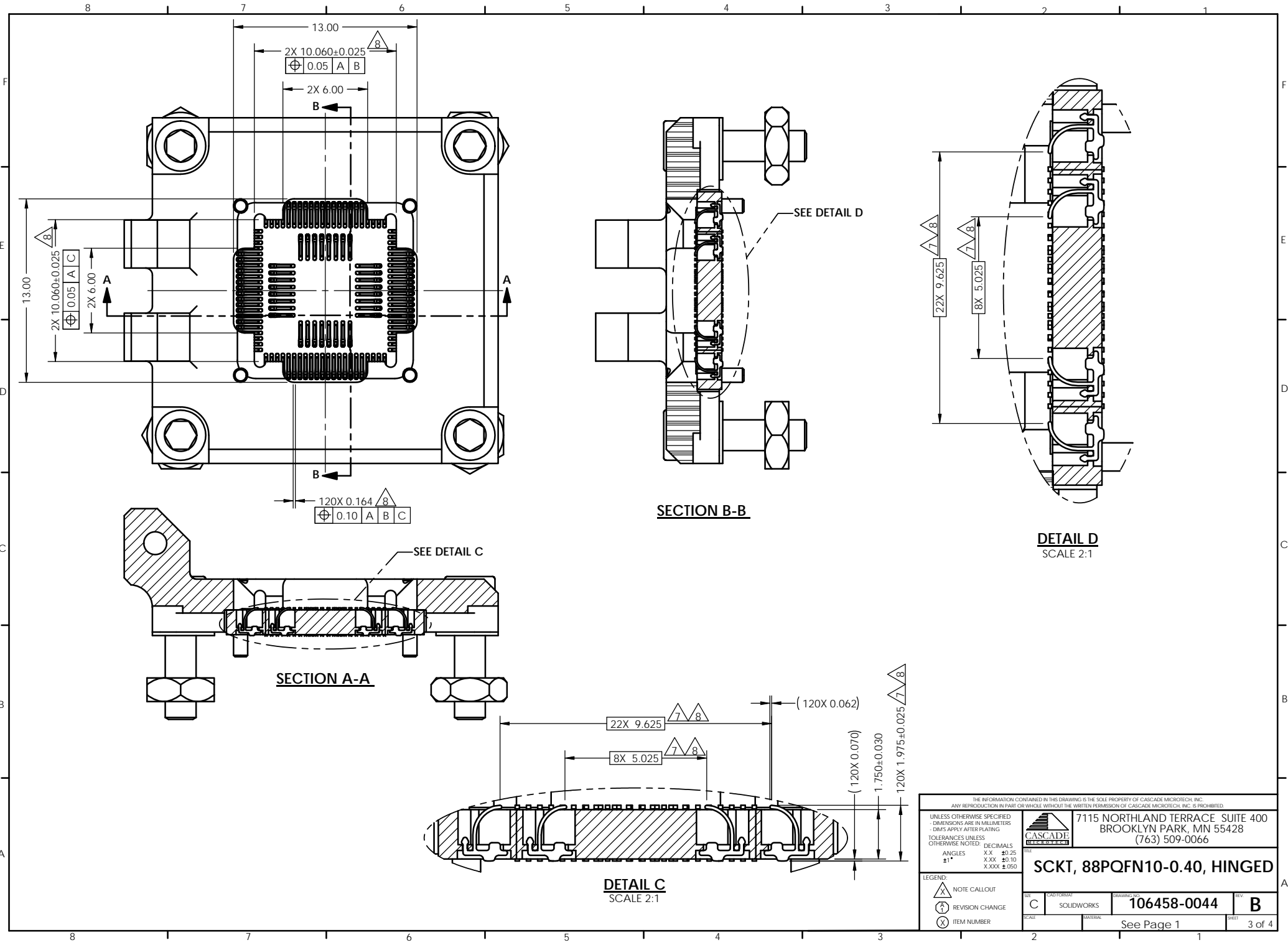
DECIMALS	X.X	$\pm$ 0.25
ANGLES	$\pm$ 1°	X.XX $\pm$ 0.10
		X.XXX $\pm$ 0.050

7115 NORTHLAND TERRACE SUITE 400  
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**SCKT, 88PQFN10-0.40, HINGED**

DESIGN	CAD FORUM	DRAWING NO.	106458-0044	REV.	B
SCALE	SOLIDWORKS	MATERIAL	See Page 1	SHEET	2 of 3

LEGEND:  
 (A) NOTE CALLOUT  
 (B) REVISION CHANGE  
 (C) ITEM NUMBER



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UNLESS OTHERWISE SPECIFIED  
 - DIMENSIONS ARE IN MILLIMETERS  
 - DIMES APPLY AFTER PLATING  
 TOLERANCES UNLESS OTHERWISE NOTED:

	DECIMALS
ANGLES	X.X ±0.25
±1°	X.XX ±0.10
	X.XXX ±0.050

LEGEND:

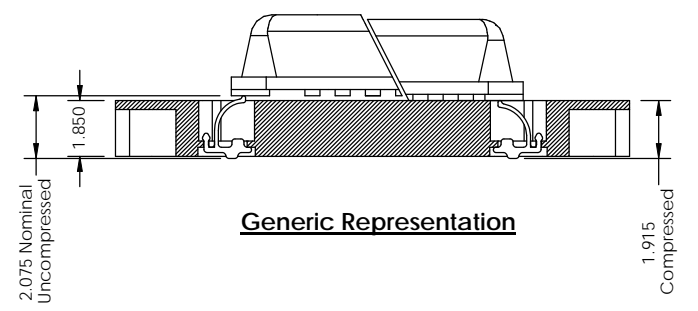
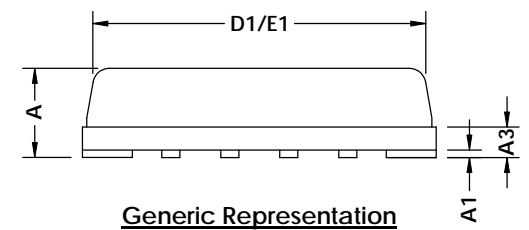
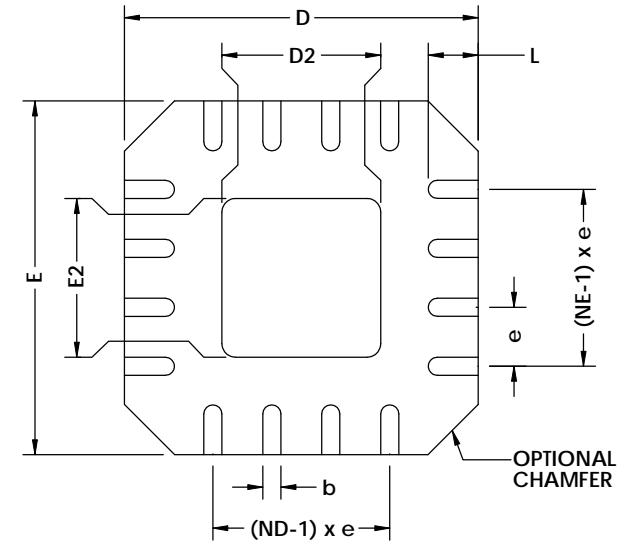
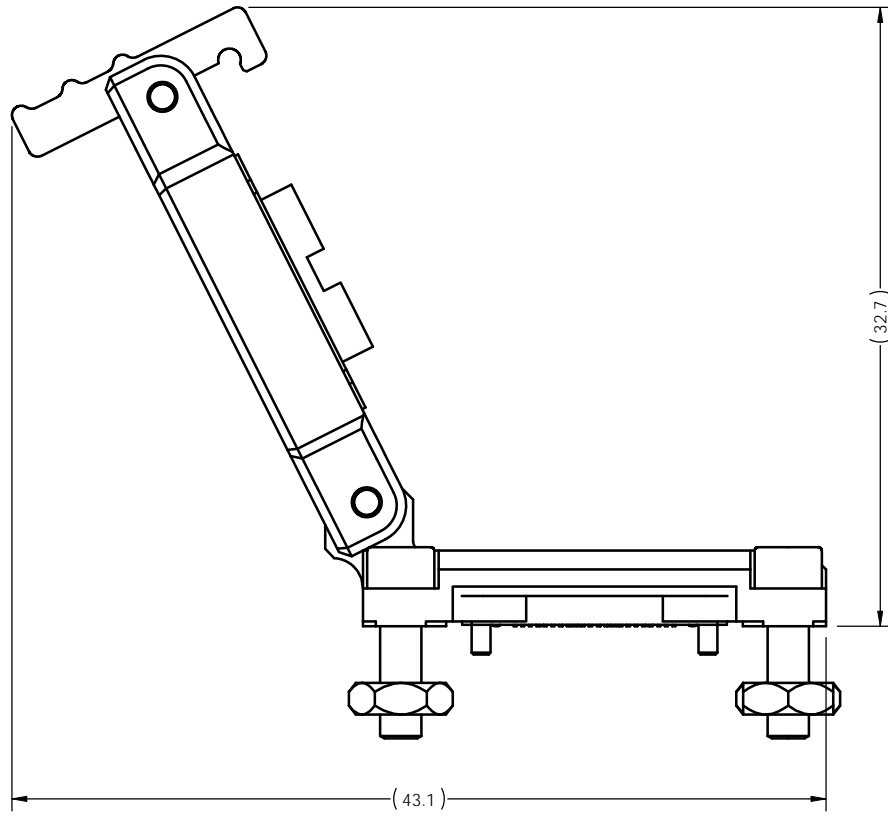
- $\text{A}$  NOTE CALLOUT
- $\text{B}$  REVISION CHANGE
- $\text{C}$  ITEM NUMBER

7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SCALE	DRAWING NO.
C	106458-0044
SCALE	REVISION
See Page 1	B
SHEET 3 of 4	

**SCKT, 88PQFN10-0.40, HINGED**

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	88	
Lead Count X/Y	ND/NE	22	22
Device Type		QFN (MLP, MLF)	
Package Size	D/E	10.0±0.1*	10.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	9.0 min	9.0 min
Ground Pad	D2/E2	6.0 min	6.0 min
Package Height	A	0.65-1.00	
Pad Height	A1	0.00-0.05	
Substrate Height	A3	0.20 min	
Pad Width	b	0.20 min	
Pad Length	L	0.30 min	

All Dimensions are in millimeters  
 \* Due to the potential samll size of the device pads, the device opening is 0.060±0.025 larger then D and E. At maximum material conditions maximum device size, minimum connector opening) there will be an interference fit. Contact Cascade Microtech for more details.



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 - DIMS APPLY AFTER PLATING  
 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS  
 ANGLES X.X ±0.25  
 \*1° X.XX ±0.10  
 X.XXX ±0.050

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LEGEND:  
 (X) NOTE CALLOUT  
 (R) REVISION CHANGE  
 (I) ITEM NUMBER

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	B

SCALE: See Page 1

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