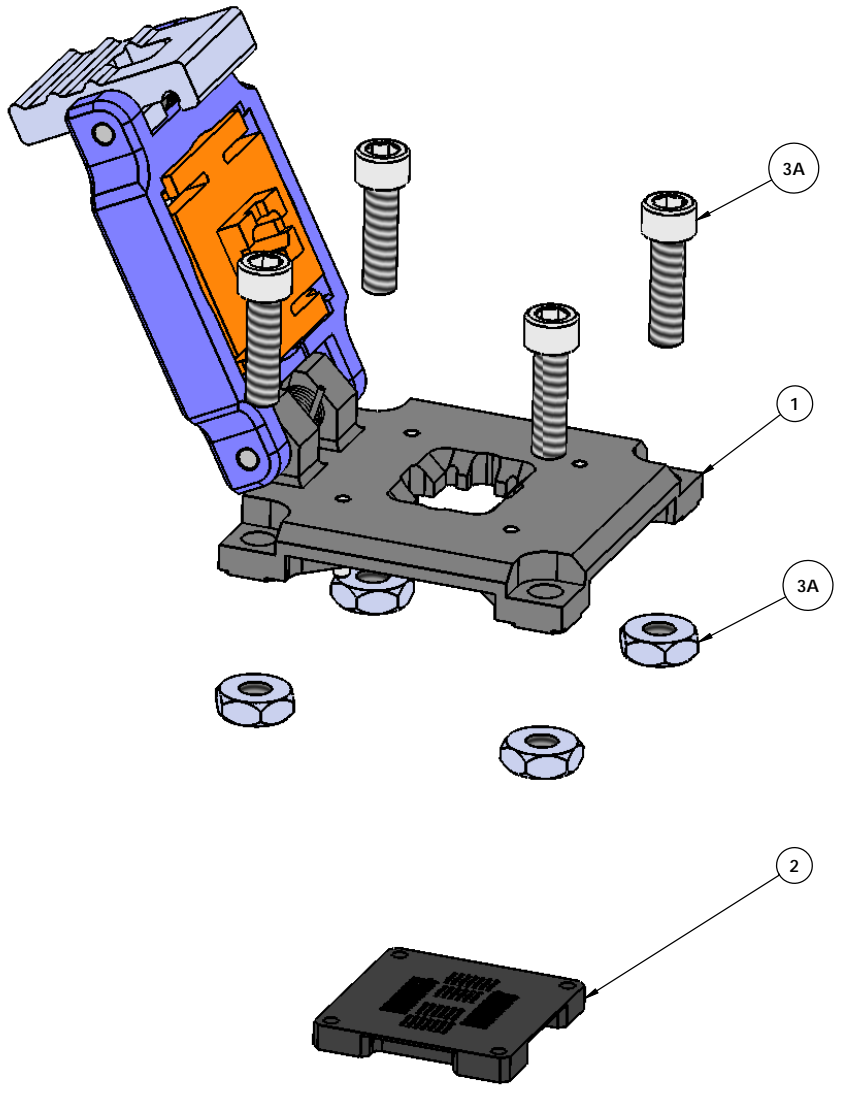


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30859	JN	Initial Design	KW	08/09/11



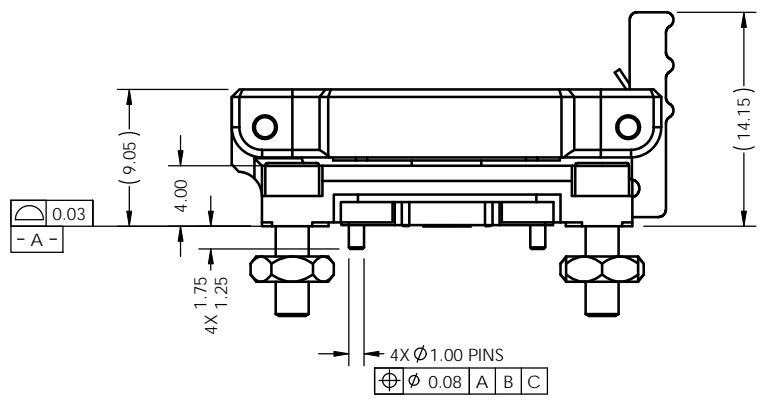
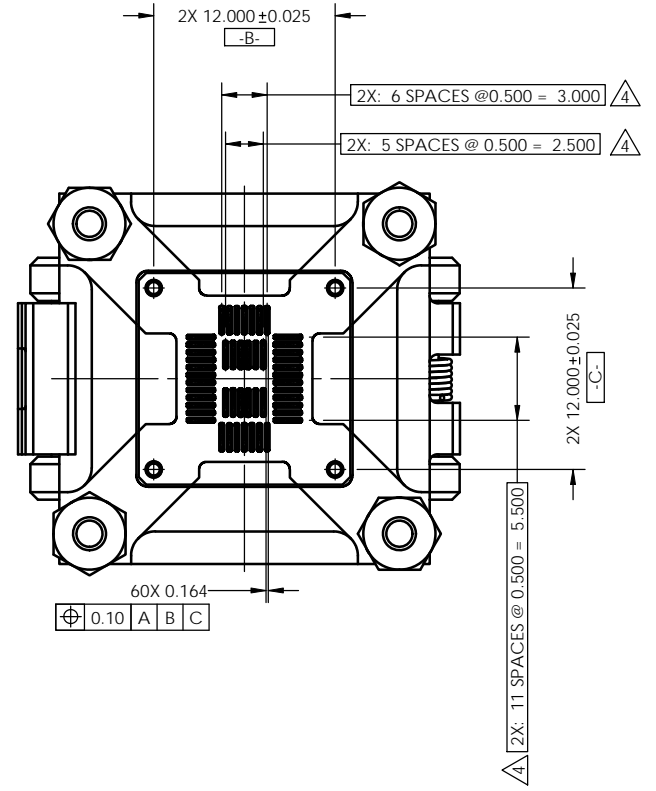
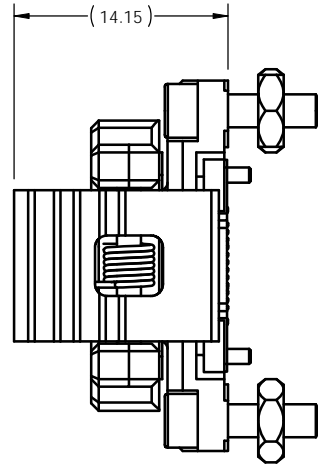
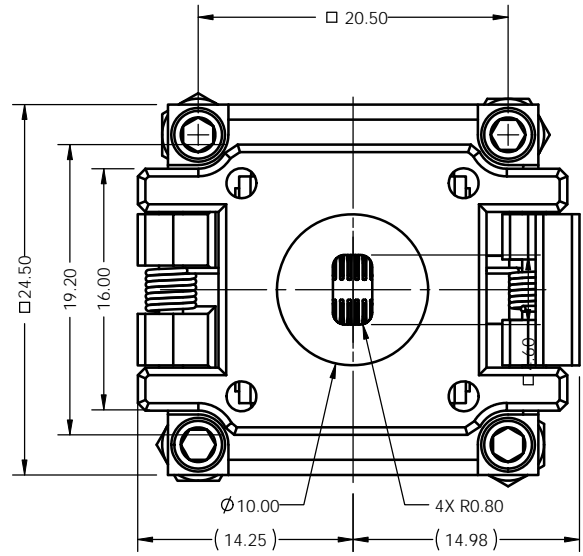
- Notes:
- Latches to move freely and return to closed position when released.
  - Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
  - Footprint part number is 100608-0006.
  - Dimension locates center line of contact.
  - Minimum force applied to device at test is 2250g.
  - Socket is RoHS compliant.
  - Contact tip position (tip is defined as the highest point of the contact).
  - In a mounted condition.
  - See Part Marking Standard 107340-0002 for engraving instructions.

Item No.	Qty.	Part Number	Description
0	-	106458-0163	SCKT, 38PQFN05X07-0.50
1	1	101082-0218	ASSY, C/F, QFN5X7, 1.7
2	1	106983-0163	CS, 38PQFN05X07-0.50
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: ANGLES    DECIMALS ±1°        XX    ±0.25           XXX   ±0.10           XXXX ±0.050</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>				7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
	<b>DRAWING APPROVALS</b>		<b>DRAWING APPROVALS</b>		<b>SCKT, 38PQFN05X07-0.50, HIN</b>	
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER		<small>DESIGN:</small> <b>J. Nied</b> 08/05/11	<small>DATE:</small> 08/05/11	<small>APPV:</small> <b>K. Wilson</b> 08/05/11	<small>SCALE:</small> C    CALFORMAN    SOLIDWORKS	<small>QUANTITY:</small> <b>106458-0163</b>
<small>THIRD ANGLE PROJECTION</small> 		<small>SCALE:</small> SEE BOM		<small>REVISION:</small> <b>A</b>	<small>SHEET:</small> 1 of 4	

8 7 6 5 4 3 2 1



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

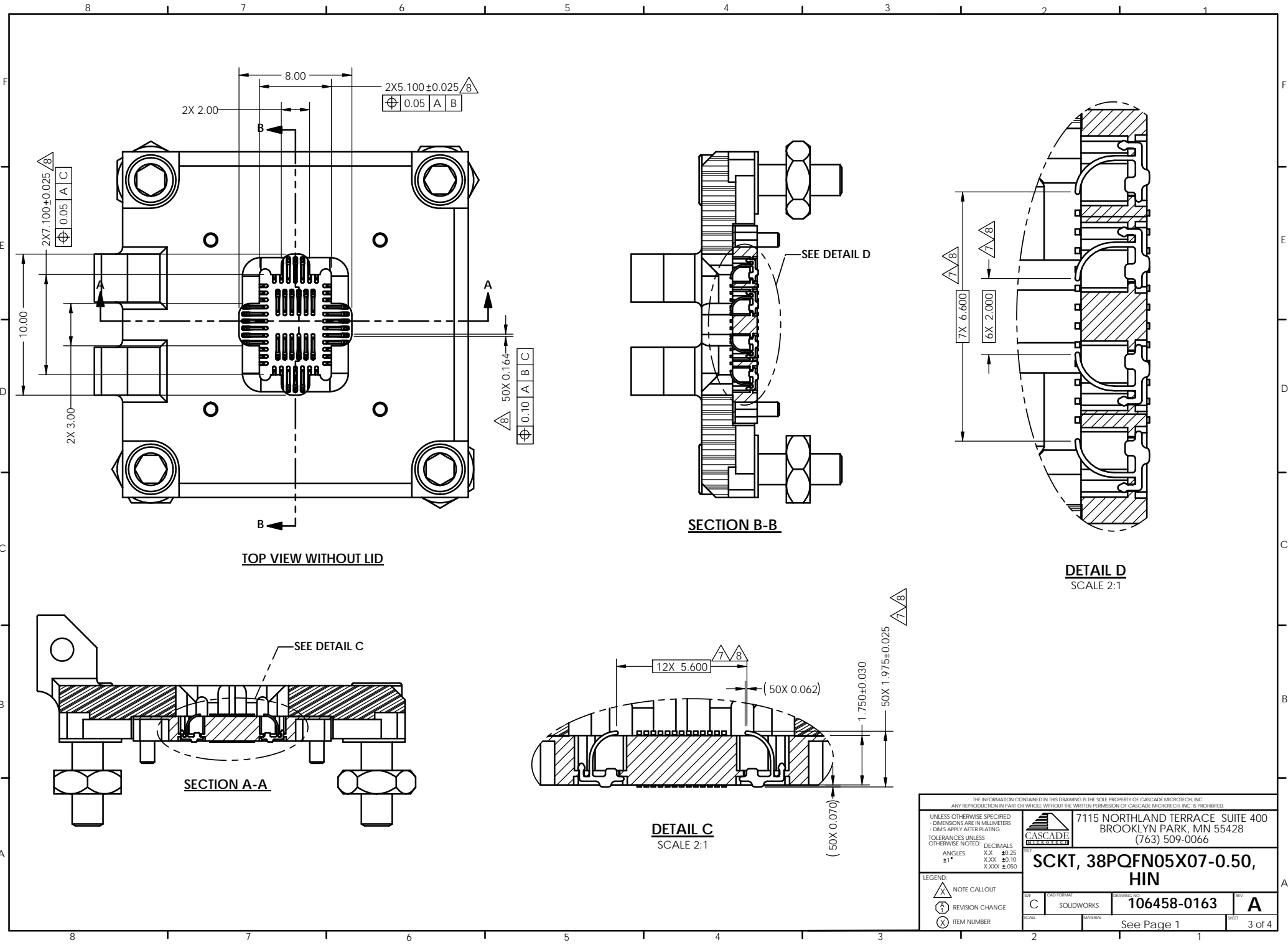
7115 NORTHLAND TERRACE SUITE 400  
 BROOKLYN PARK, MN 55428  
 (763) 509-0066

**SCKT, 38PQFN05X07-0.50, HIN**

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	106458-0163
SCALE	MATERIAL	See Page 1	
			2 of 4

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

8 7 6 5 4 3 2 1



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

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

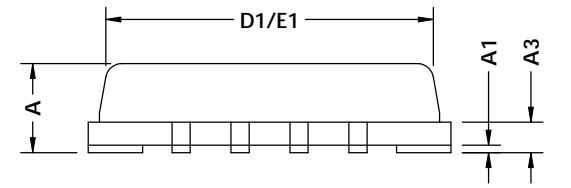
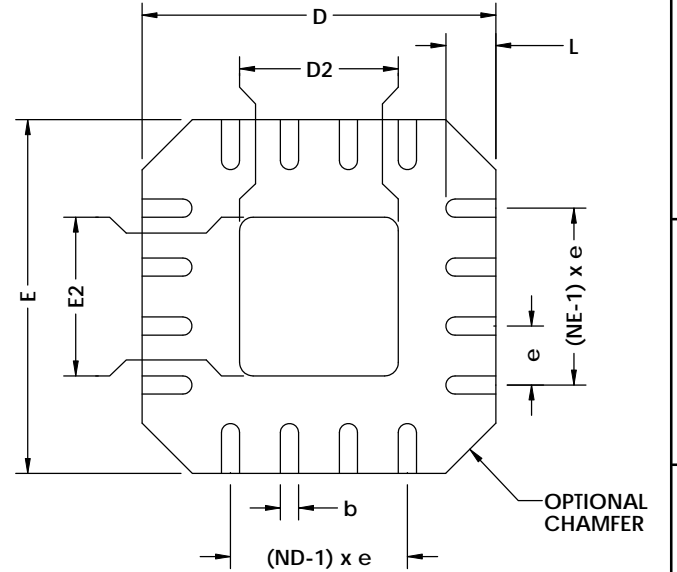
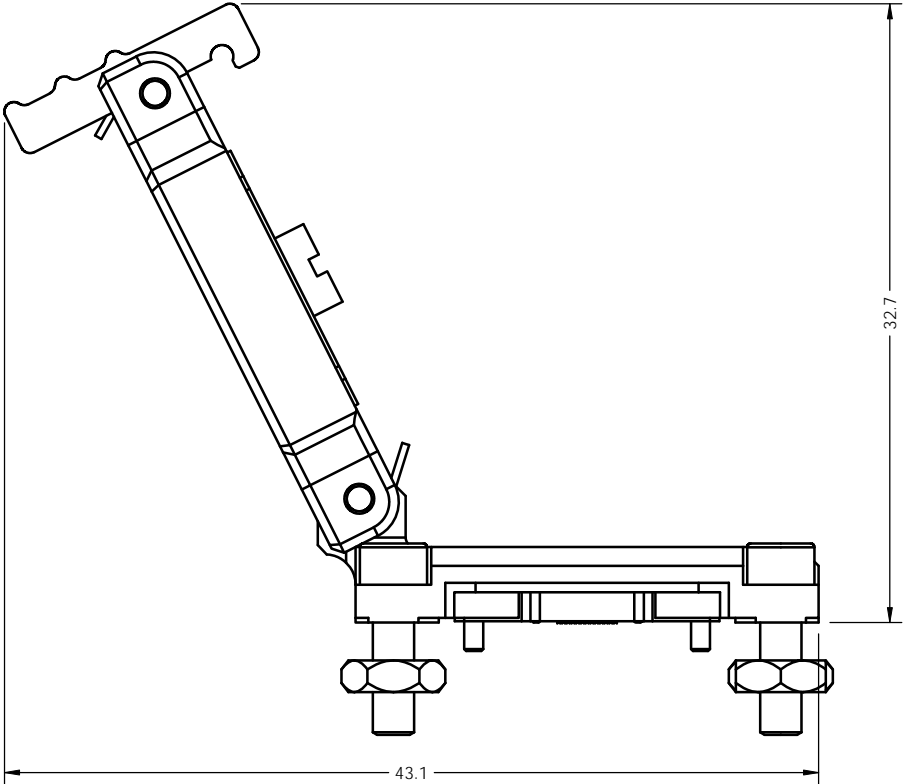
LEGEND:

- $\Delta$  NOTE CALLOUT
- $\oplus$  REVISION CHANGE
- $\otimes$  ITEM NUMBER

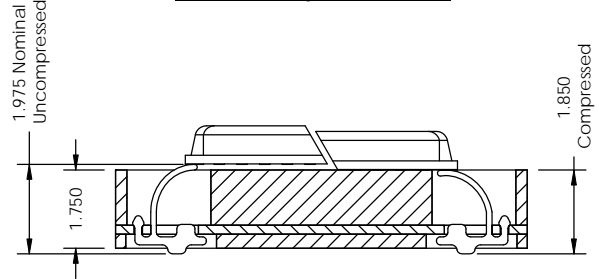
7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<b>SCKT, 38PQFN05X07-0.50, HIN</b>	
SCALE: C	REV: A
MATERIAL: SOLIDWORKS	DRAWING NO: 106458-0163
SCALE: See Page 1	SHEET: 3 of 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	38	
Lead Count X/Y	ND/NE	7	12
Device Type		QFN (MLP, MLF)	
Package Size	D/E	5.0±0.1*	7.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	4.0 min	6.0 min
Ground Pad	D2/E2	5.0 min	2.5 min
Package Height	A	0.75-1.10	
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 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 Cascade Microtech for more details.



**Generic Representation**



**Generic Representation**

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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMES APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:	DECIMALS X.X     ±0.25 X.XX   ±0.10 X.XXX   ±0.050	 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	DATE
<b>SCKT, 38PQFN05X07-0.50, HIN</b>			REV
LEGEND:	SCALE	DRAWING NO.	SHEET
NOTE CALLOUT REVISION CHANGE ITEM NUMBER	C SOLIDWORKS	106458-0163	A
See Page 1		4 of 4	