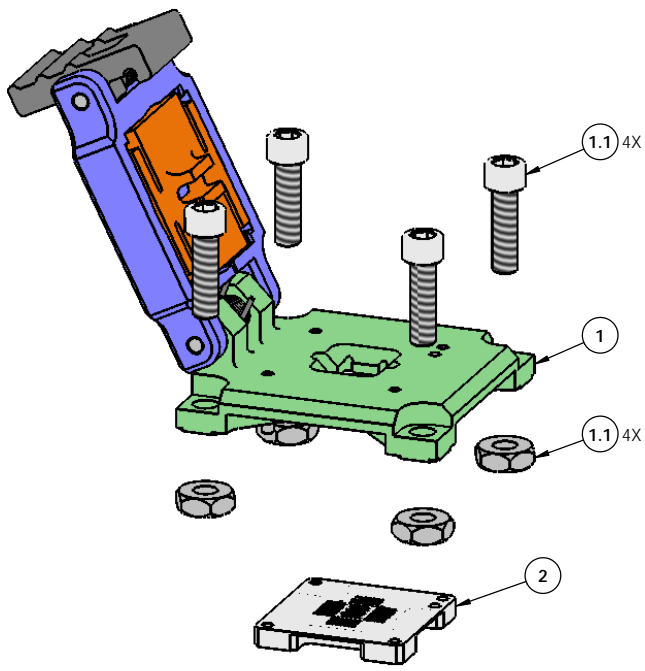
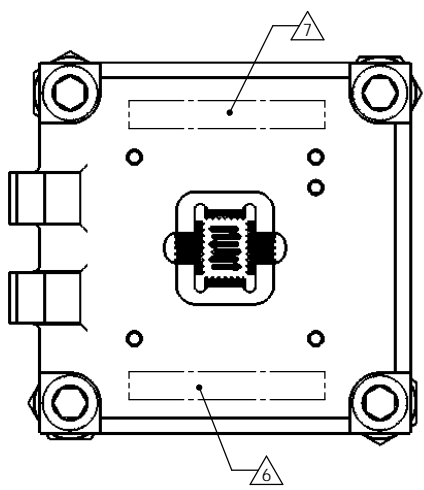
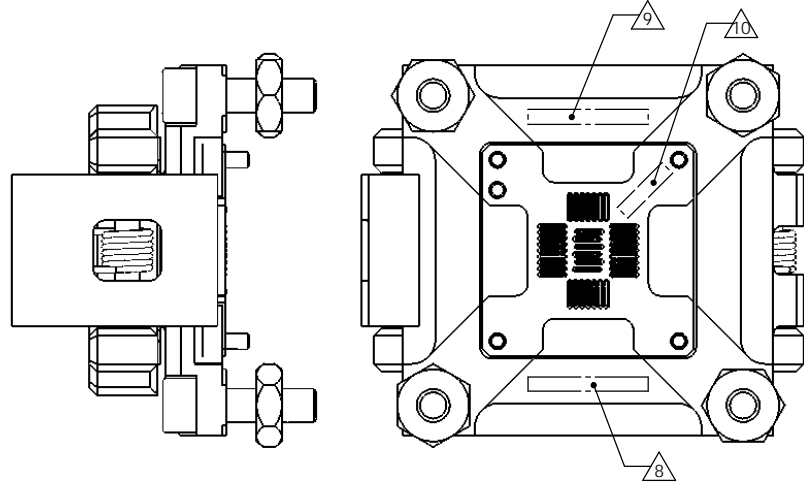
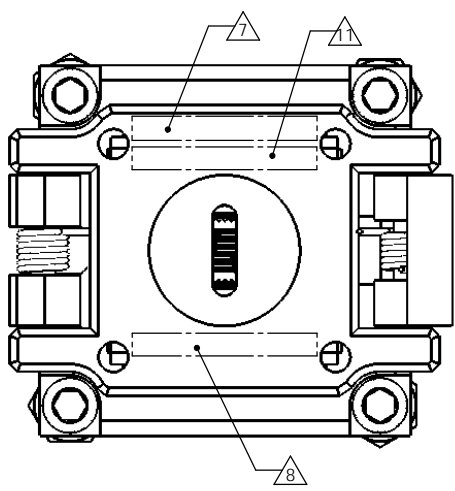







REV	ECO	BY	DESCRIPTION	APV	DATE
A	30193	AS	Initial Design	KW	03/23/10



- 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 103036-0011.
  - Dimension locates center line of contact.
  - Minimum force applied to device at test is 1520g.
  - Socket part number and rev level.
  - Company logo.
  - "MADE IN USA" and date code.
  - Frame part number and rev level.
  - Contact set part number and rev level (if room allows).
  - Customer part number.
  - Socket is RoHS compliant.
  - Contact tip position (tip is defined as the highest point of the contact).
  - In a mounted condition.

Item No.	Qty.	Part Number	Parts List Description
0	-	106458-0122	SCKT, 32PQFN4X5-0.40, HINGED
1	1	101082-0180	ASSY, L/F, QFN4X5, 1.80
1.1	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
1.2*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4
2	1	106460-0122	CS, 32PQFN4X5-0.40

\* Items not shown.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES DECIMALS ±1° .XX ±0.25 XXX ±0.10 X.XXX ±0.050		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.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		 <b>7115 NORTHLAND TERRACE SUITE 400</b> <b>BROOKLYN PARK, MN 55428</b> <b>(763) 509-0066</b>	
DRAWING APPROVALS		<b>SCKT, 32PQFN4X5-0.40, HINGED</b>	
DRAWN: <b>A. Seibertlich</b>	DATE: <b>03/23/10</b>	PART NUMBER: <b>106458-0122</b>	
APP'D: <b>K. Wilson</b>	DATE: <b>03/23/10</b>	SCALE: <b>C</b>	SHEET: <b>A</b>
LEGEND:  NOTE CALLOUT  REVISION CHANGE  ITEM NUMBER		THIRD ANGLE PROJECTION 	SEE BOM

8 7 6 5 4 3 2 1

F

E

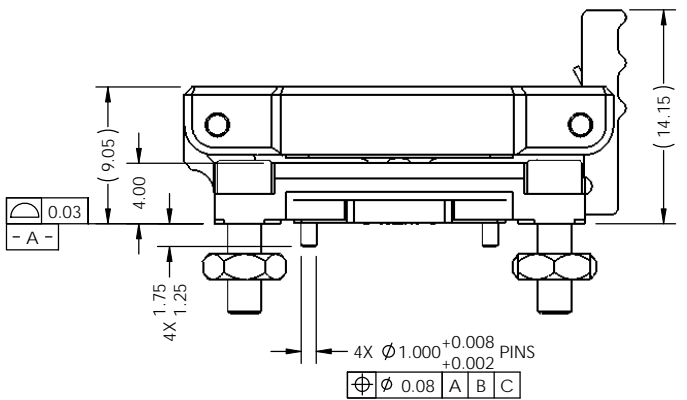
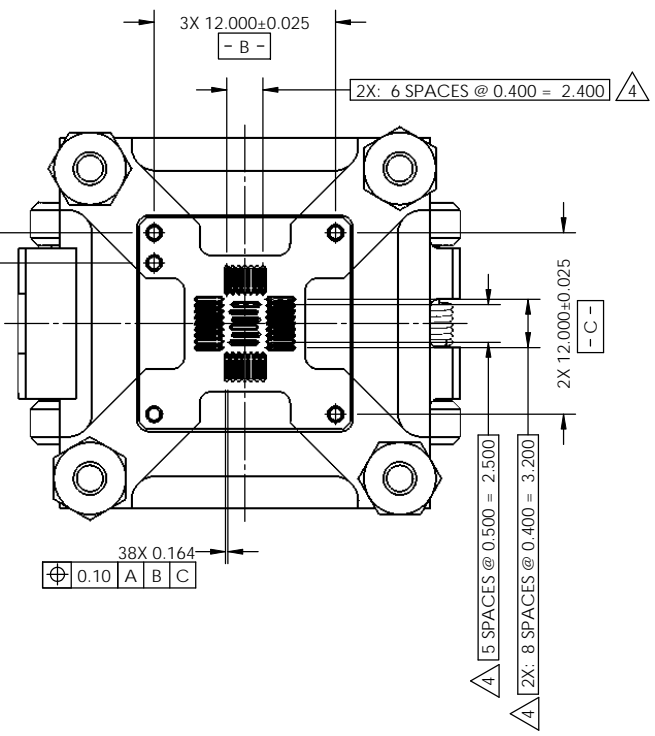
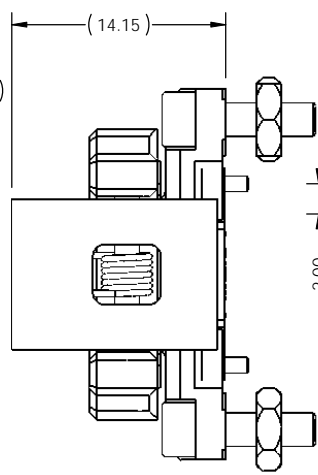
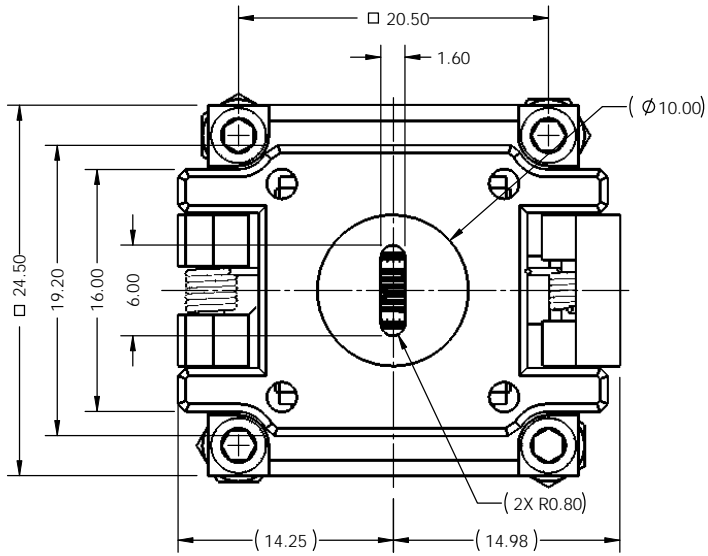
D

C

B

A

8 7 6 5 4 3 2 1



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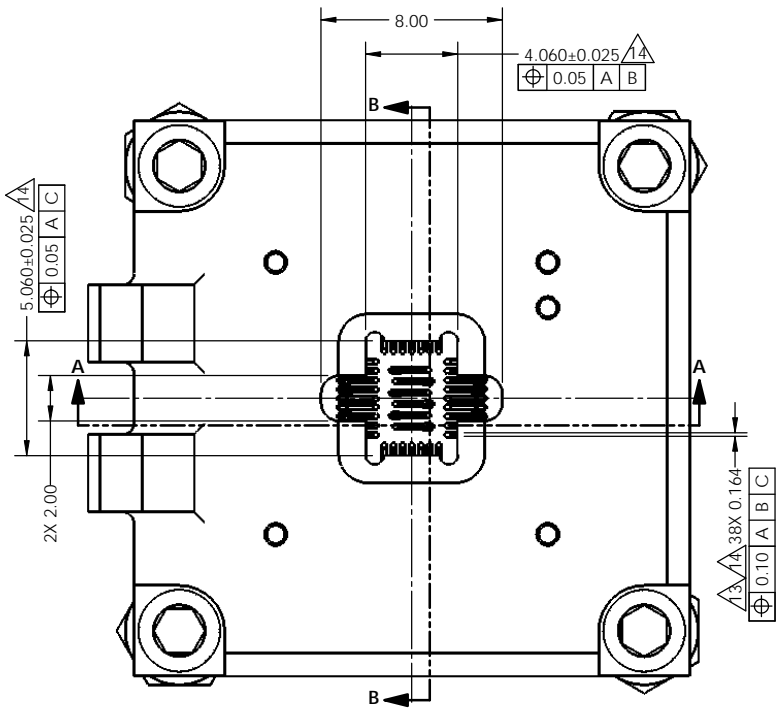
UNLESS OTHERWISE SPECIFIED  
 - DIMENSIONS ARE IN MILLIMETERS  
 - DIMS APPLY AFTER PLATING  
 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS  
 ANGLES X.X .0125  
 \*1° X.XX ±0.10  
 X.XXX ±0.050

7115 NORTHLAND TERRACE SUITE 400  
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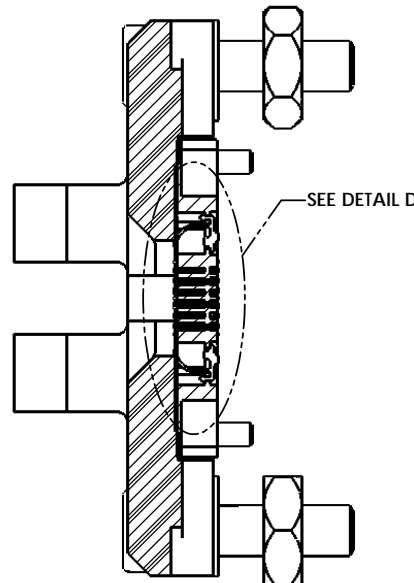
**SCKT, 32PQFN4X5-0.40, HINGED**

DESIGN	CAD FORMAT	DRAWING NO.	REV.
C	SOLIDWORKS	106458-0122	A
SCALE	MATERIAL	See Page 1	
		2 of 4	

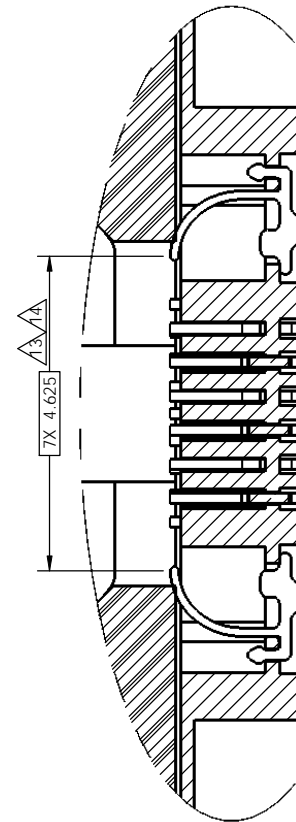
LEGEND:  
 (A) NOTE CALLOUT  
 (B) REVISION CHANGE  
 (C) ITEM NUMBER



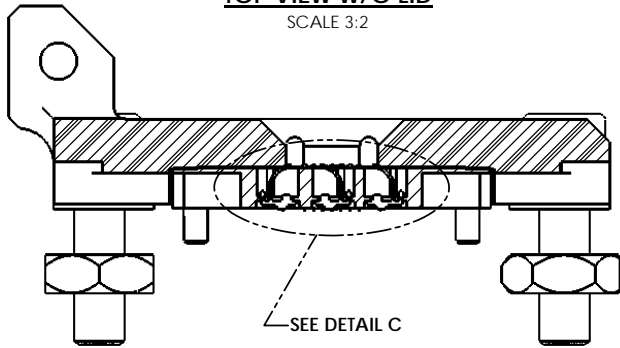
**TOP VIEW W/O LID**  
SCALE 3:2



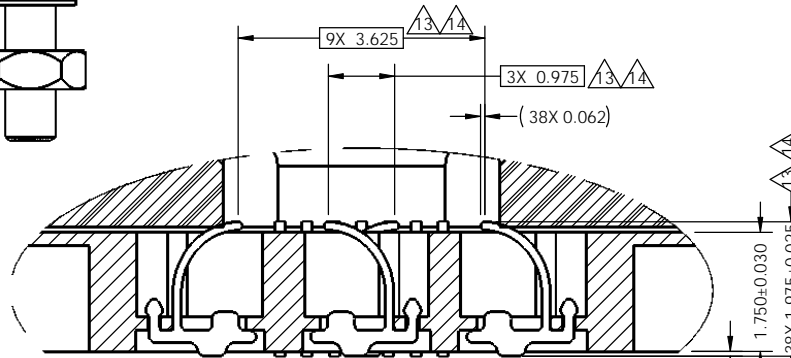
**SECTION B-B**



**DETAIL D**  
SCALE 3:2



**SECTION A-A**

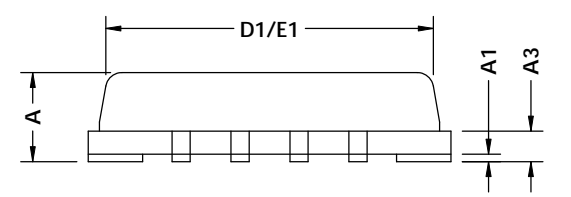
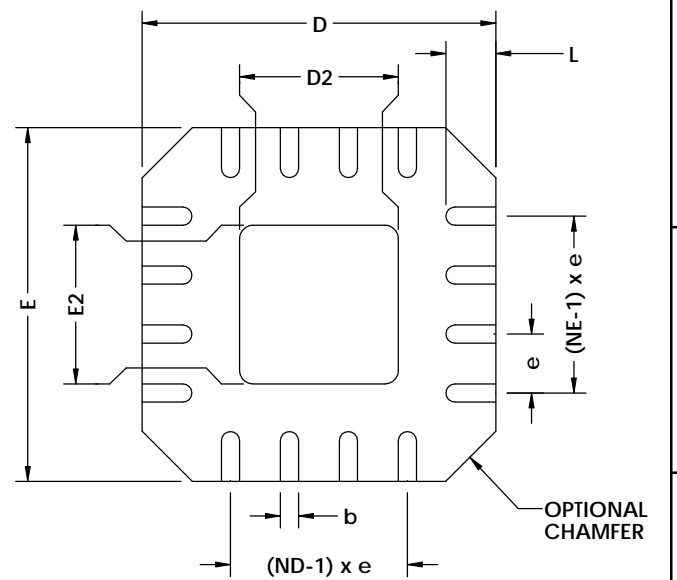
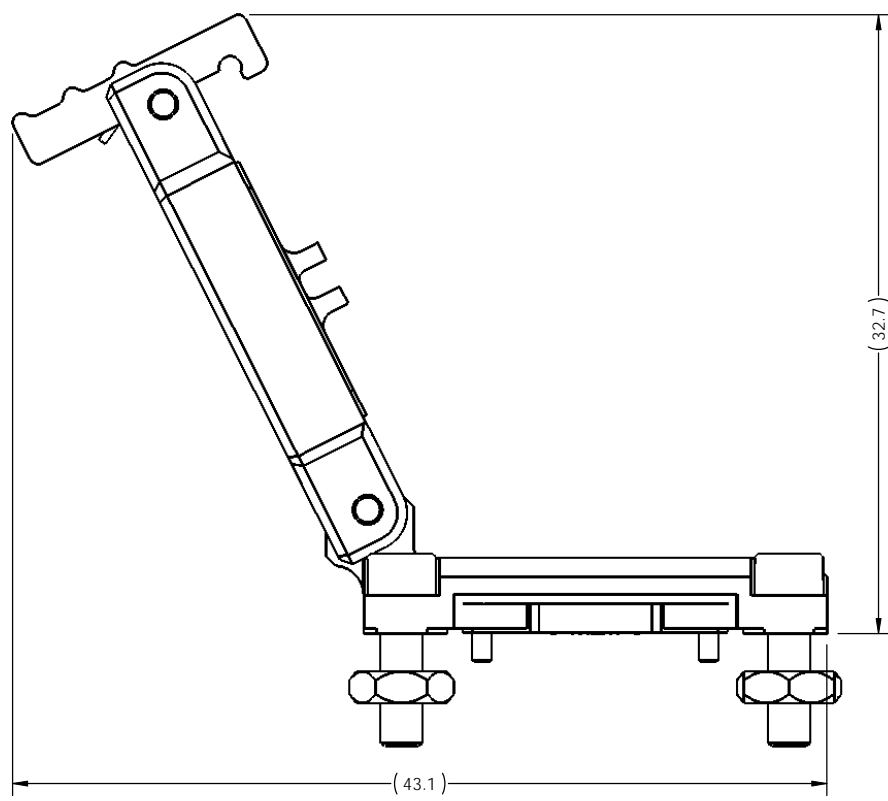


**DETAIL C**  
SCALE 3:2

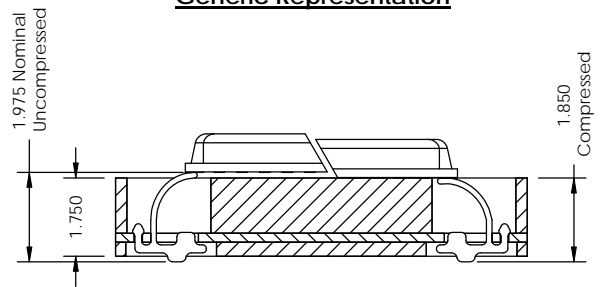
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<small>ANGLES ° 1'</small>	<small>DECIMALS X.X    ±0.25 X.XX   ±0.10 X.XXX ±0.050</small>	<b>SCKT, 32POFN4X5-0.40, HINGED</b>	
<b>LEGEND:</b> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>DATE FORNAT</small> <b>C</b> SOLIDWORKS	<small>DRAWING NO.</small> <b>106458-0122</b>	<small>REV.</small> <b>A</b>
<small>SCALE</small> See Page 1		<small>SHEET</small> 3 of 4	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	32	
Lead Count X/Y	ND/NE	7	9
Device Type		QFN (MLP, MLF)	
Package Size	D/E	4.0±0.1*	5.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	3.0 min	4.0 min
Ground Pad	D2/E2	2.0 min	3.0 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 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 Graphics for more details.



**Generic Representation**



**Generic Representation**

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<b>SCKT, 32PQFN4X5-0.40, HINGED</b>		REV: <b>A</b>	
LEGEND: ⊗ NOTE CALLOUT Ⓜ REVISION CHANGE ⓧ ITEM NUMBER	SCALE: <b>See Page 1</b>	DRAWING NO: <b>106458-0122</b>	SHEET: <b>4 of 4</b>