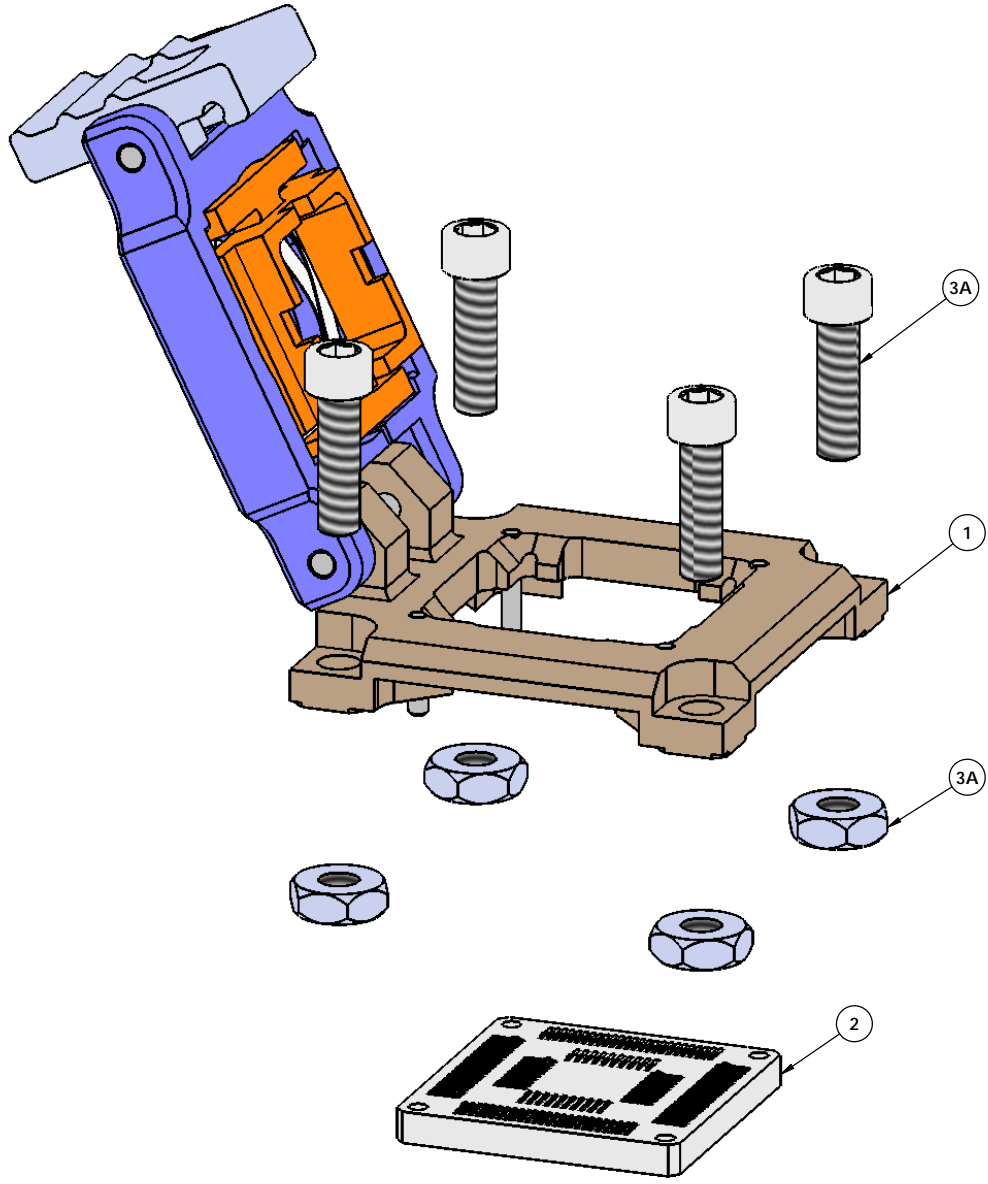


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30727	AS	Initial Design	KW	03/09/11



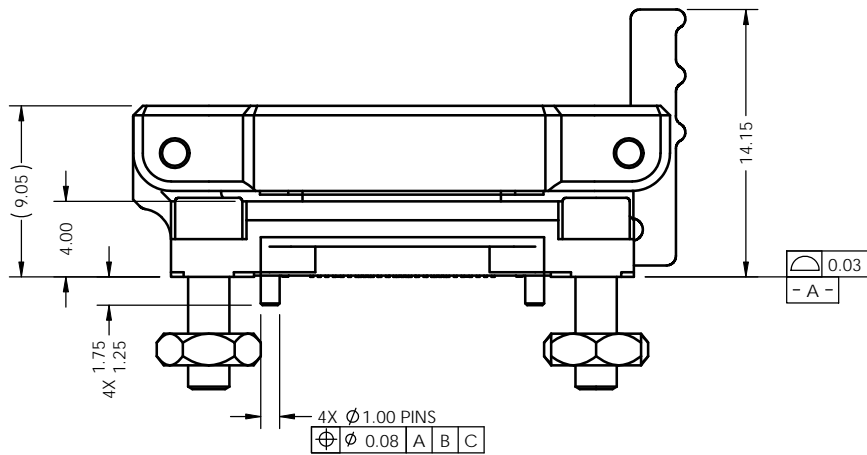
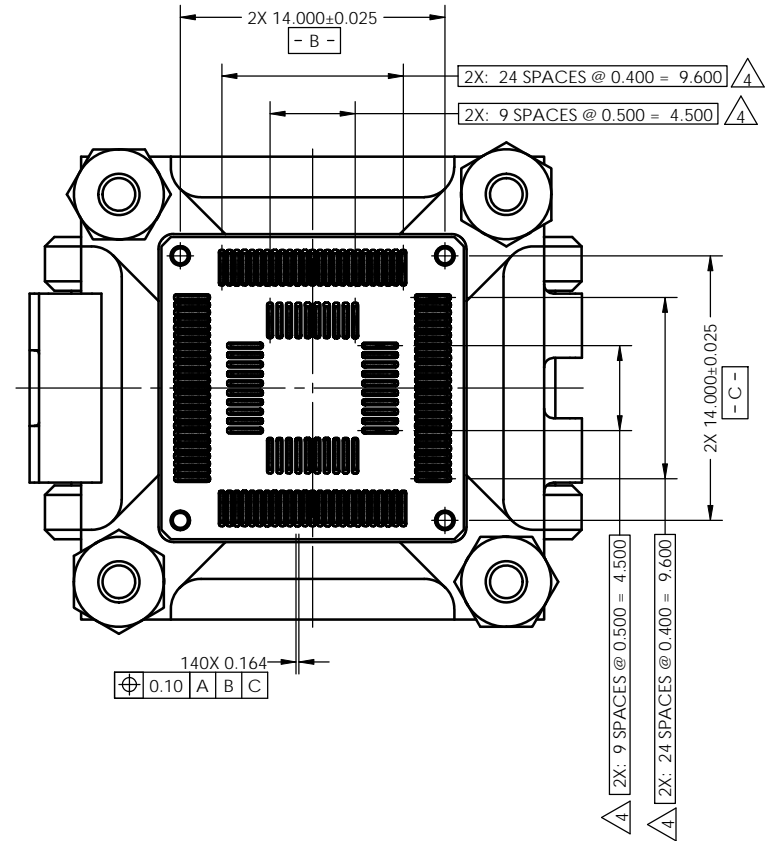
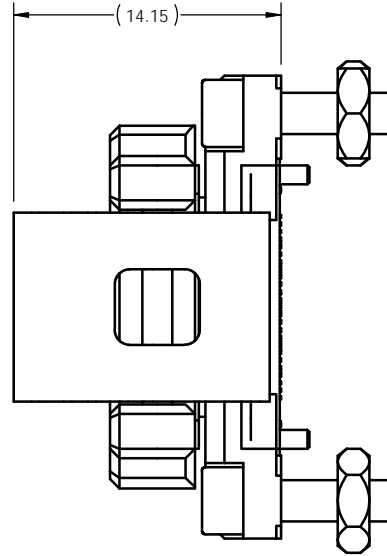
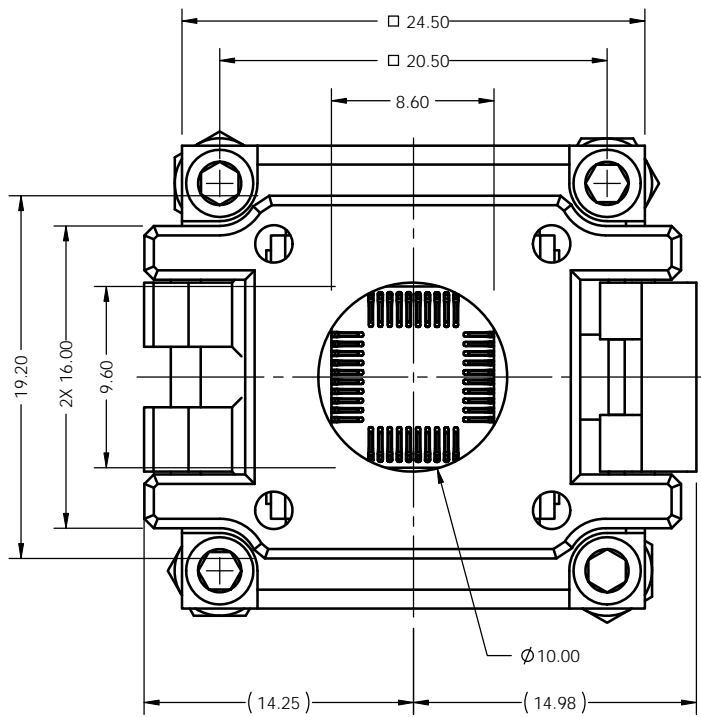
Notes:

- 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 100672-0018.
- Dimension locates center line of contact.
- Minimum force applied to device at test is 5600g.
- 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.

Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0155	SCKT, 100PQFN12-0.40
1	1	107129-0003	ASSY, L/F, PQFN12, 1.80
2	1	106460-0155	CS, 100PQFN12-0.40
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</small> <small>DECIMALS</small> $\pm 1^\circ$ XX ± 0.25 XXX ± 0.10 XXXX ± 0.50	<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
	<small>CAD GENERATED DRAWING DO NOT MANUALLY UPDATE</small>				
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>DRAWN</small> A. Seiberlich	<small>DATE</small> 03/09/11	SCKT, 100PQFN12-0.40, HINGED		
<small>THIRD ANGLE PROJECTION</small> 	<small>APPROV</small> K. Wilson	<small>DATE</small> 03/09/11	<small>SCALE</small> C	<small>SOFTWARE</small> SOLIDWORKS	<small>DESCRIPTION</small> 106458-0155
			<small>SCALE</small> SEE BOM	<small>REVISION</small> A	<small>SHEET</small> 1 of 4



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.

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

DECIMALS	X.X	± 0.25
ANGLES	X.XX	± 0.10
$\pm 1^\circ$	X.XXX	± 0.050

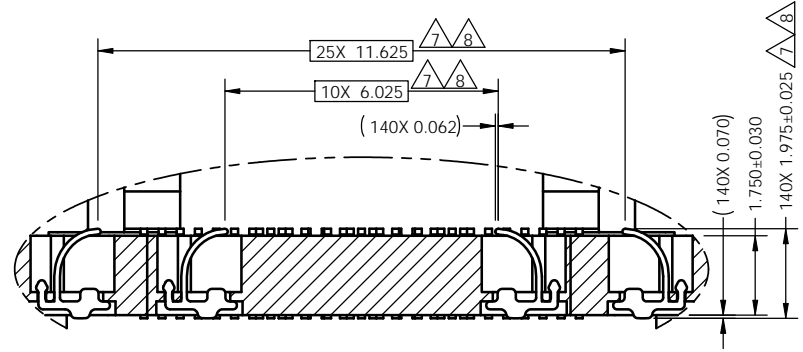
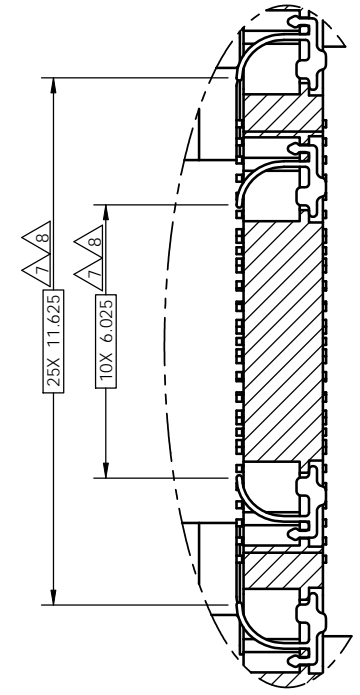
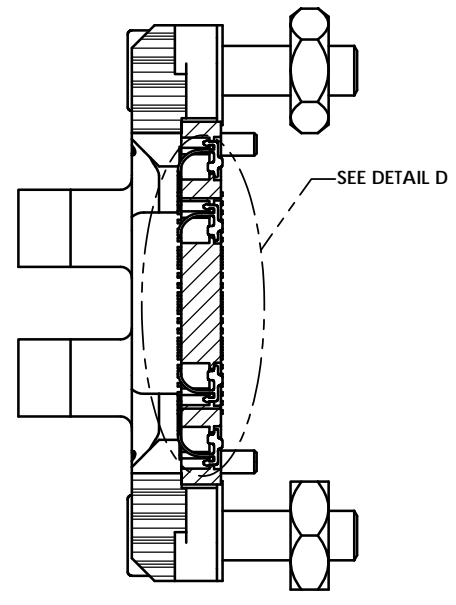
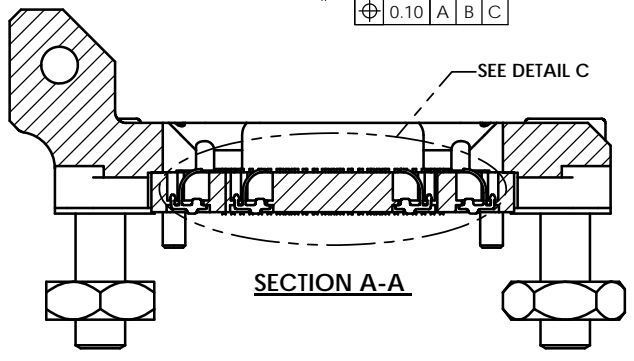
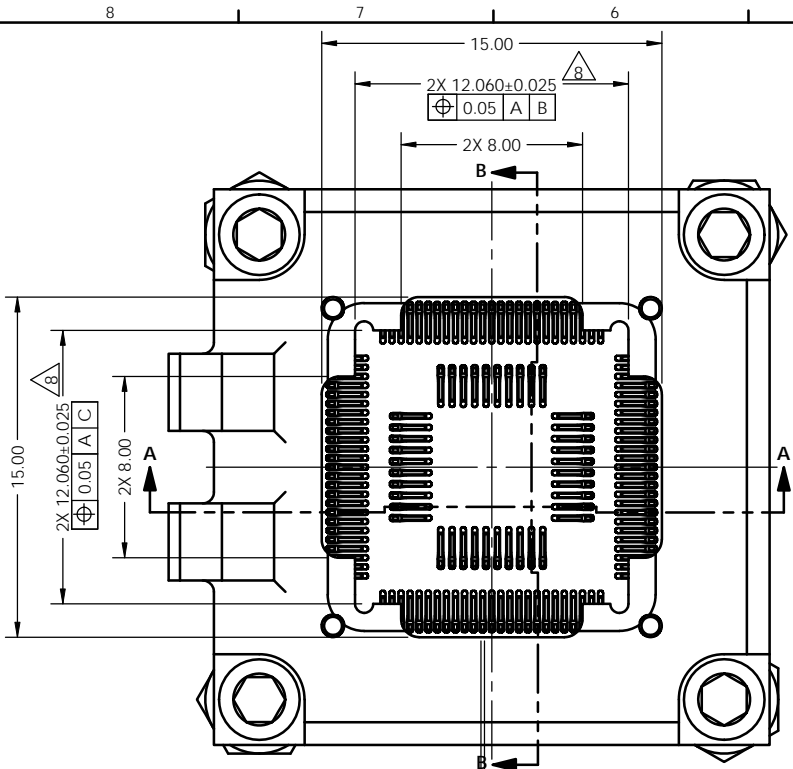
CASCADE
 MICROTECH, INC.

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

SCKT, 100PQFN12-0.40, HINGED

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	A

SCALE: NATURAL
 DRAWING NO: **106458-0155**
 SHEET: **2 of 3**
 See Page 1



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.

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:

- (A) NOTE CALLOUT
- (R) REVISION CHANGE
- (X) ITEM NUMBER

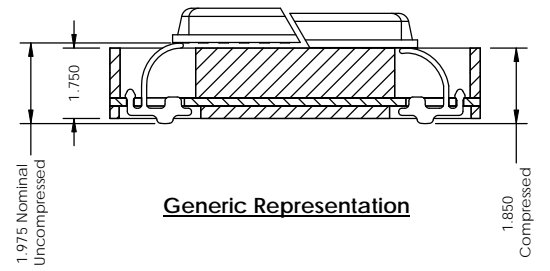
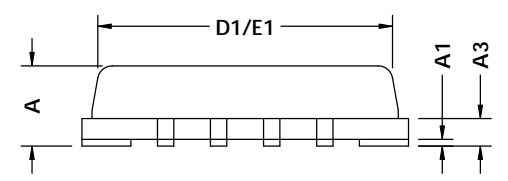
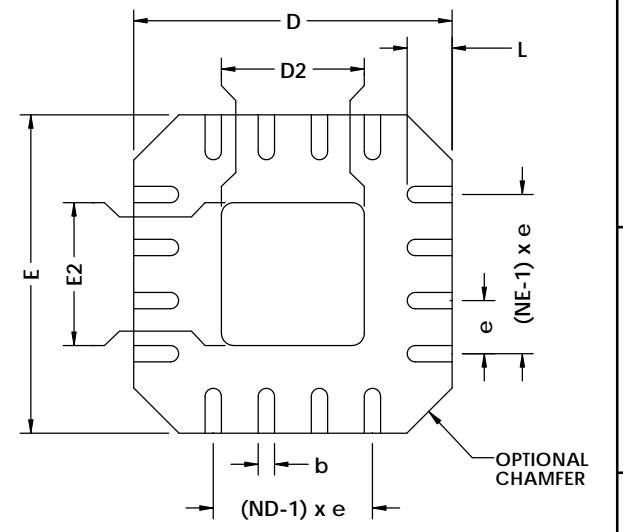
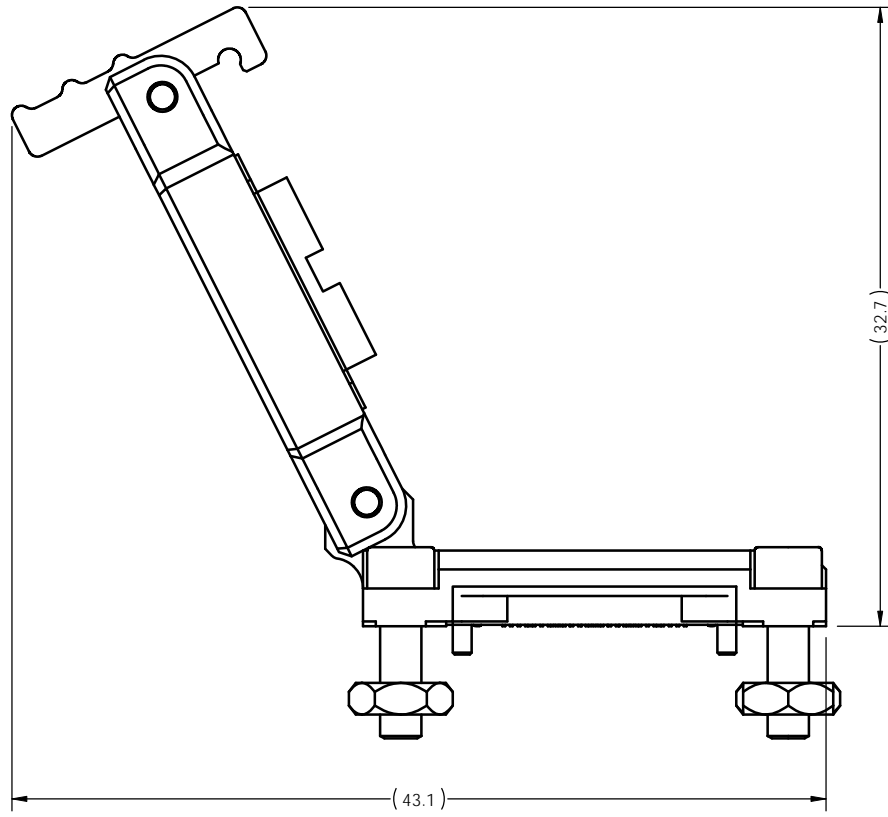
CASCADE MICROTECH, INC.
7115 NORTHLAND TERRACE SUITE 400
BROOKLYN PARK, MN 55428
(763) 509-0066

SCKT, 100PQFN12-0.40, HINGED

REV	DATE	BY	APP
C			

SCALE: SOLIDWORKS
MATERIAL: 106458-0155
DRAWING NO: 106458-0155
REV: A
SCALE: See Page 1
PAGE: 3 of 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	100	
Lead Count X/Y	ND/NE	25	25
Device Type		QFN (MLP, MLF)	
Package Size	D/E	12.0±0.1*	12.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	11.0 min	11.0 min
Ground Pad	D2/E2	6.5 min	6.5 min
Package Height	A	0.70-1.05	
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.			



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.

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

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

SCKT, 100PQFN12-0.40, HINGED

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	A

LEGEND:
 (X) NOTE CALLOUT
 (A) REVISION CHANGE
 (X) ITEM NUMBER

SCALE: See Page 1

SHEET: 4 of 4