


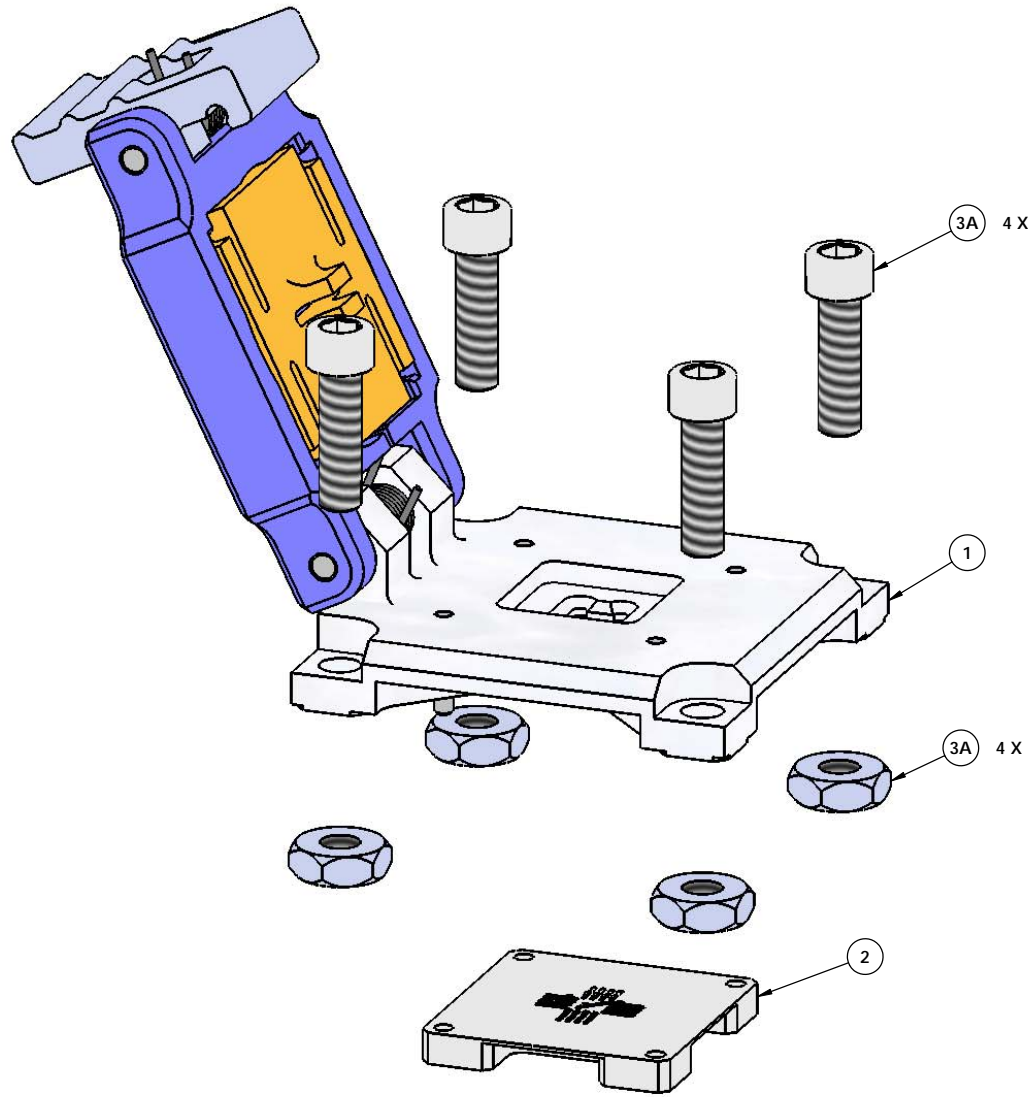


REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	11/04/10
B	30642	AS	Updated DWG to current standards	KW	12/02/10
C	30644	AS	Added extraction pocket to frame	KW	12/06/10






Notes:

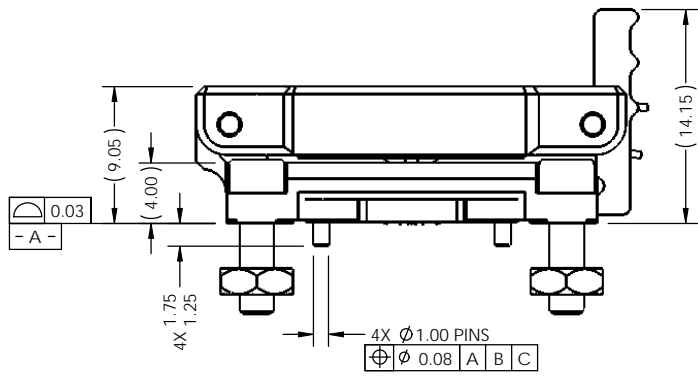
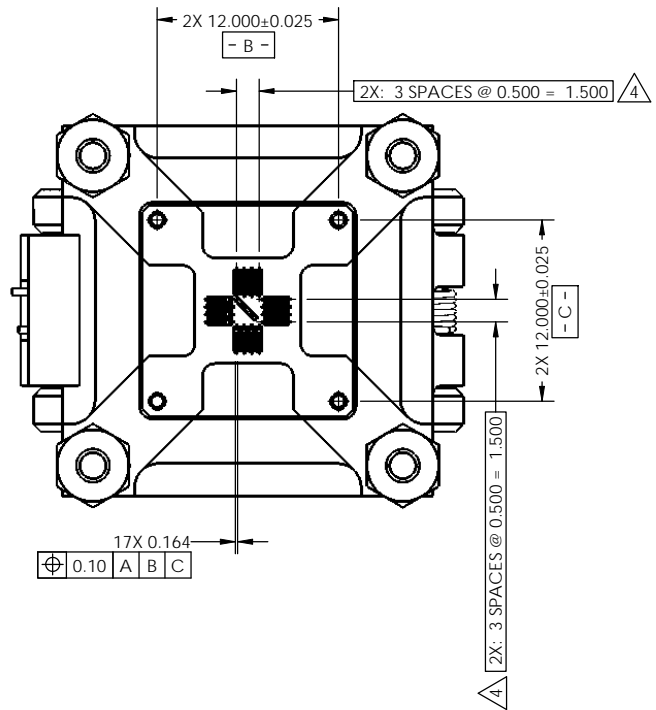
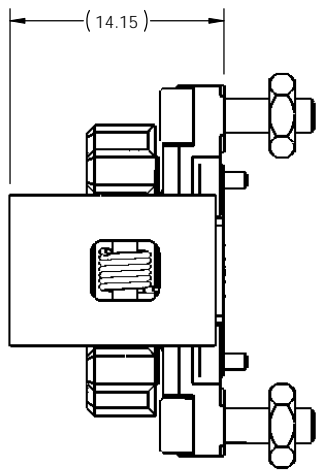
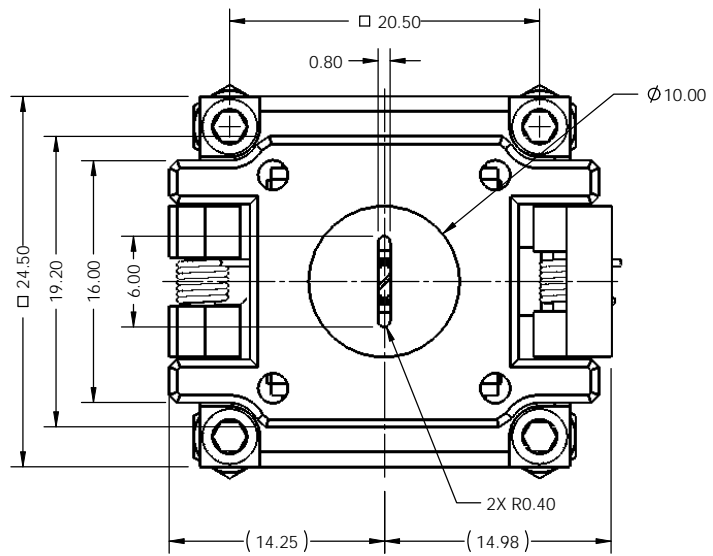
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
- Footprint part number is 100670-0001.
-  Dimension locates center line of contact.
- Minimum force applied to device at test is 680g.
- Socket is RoHS compliant.
-  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	-	106458-0005	SCKT, 16PQFN03-0.50, HINGED
1	1	101082-0008	ASSY, L/F, QFN03, 1.80
2	1	106460-0005	CS, 16PQFN03-0.50
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 DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES    DECIMALS ±1°        X.X    ±0.25            X.XX   ±0.10            X.XXX ±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>		 <b>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</b>	
	<b>CAD GENERATED DRAWING DO NOT MANUALLY UPDATE</b>		<b>DRAWING APPROVALS</b>	
	<small>DESIGN</small> <b>K. Pitney</b>	<small>DATE</small> <b>11/04/08</b>	<b>SCKT, 16PQFN03-0.50, HINGED</b>	
	<small>APPROV</small> <b>M. Peery</b>	<small>DATE</small> <b>11/04/08</b>	<small>SCALE</small> <b>C</b>	<small>QUANTITY</small> <b>106458-0005</b>
<small>LEGEND:</small>  NOTE CALLOUT  REVISION CHANGE  ITEM NUMBER	<small>THIRD ANGLE PROJECTION</small> 	<small>SCALE</small> <b>SEE BOM</b>	<small>SHEET</small> <b>1 of 4</b>	



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

ANGLES	XX	±0.25
±1°	XX	±0.10
	XXX	±0.050

7115 NORTHLAND TERRACE SUITE 400  
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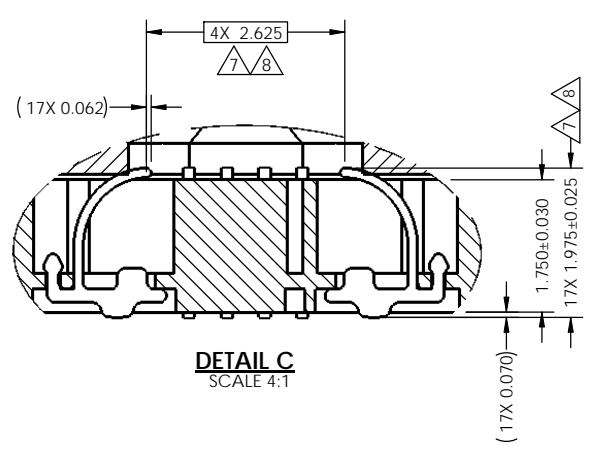
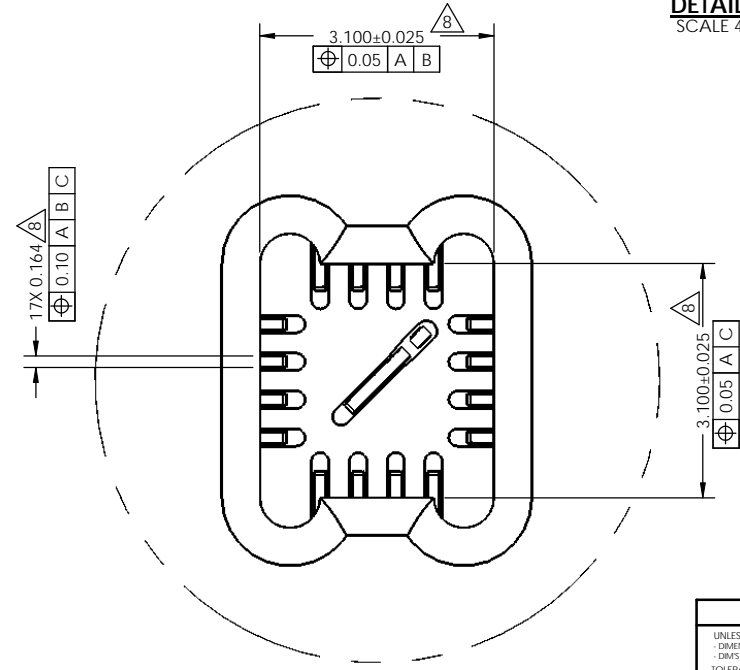
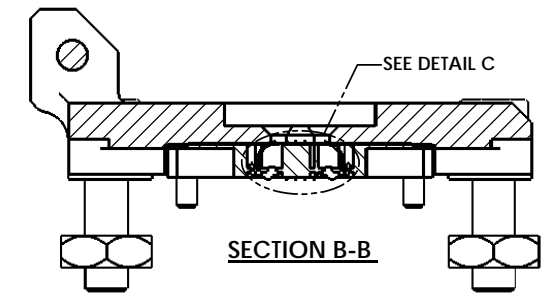
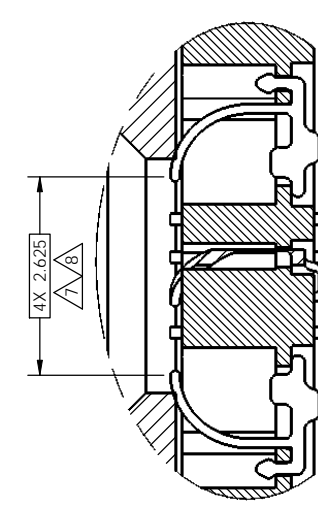
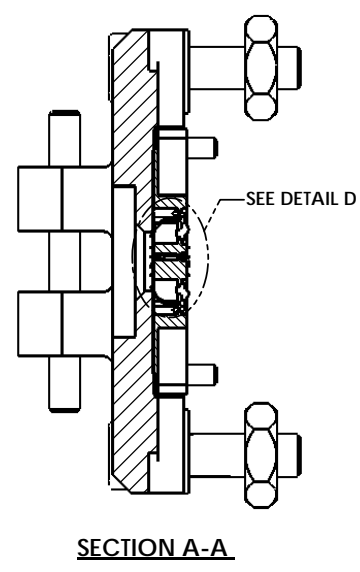
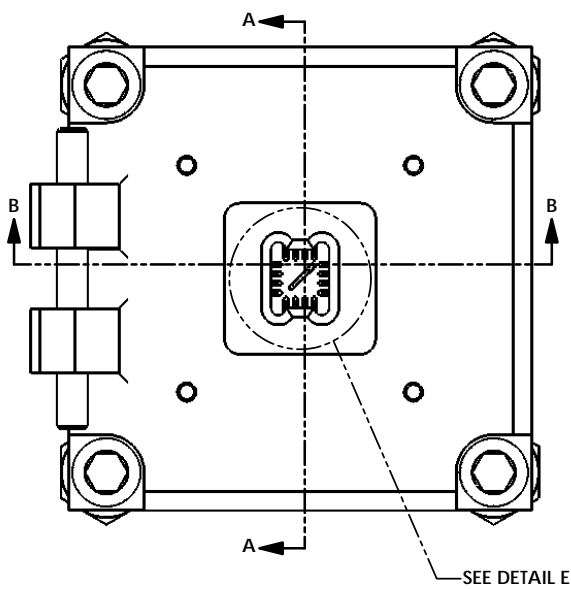
**SCKT, 16PQFN03-0.50, HINGED**

DESIGN	CAD FORUM	DRAWING NO.	106458-0005	REV	C
SCALE	SOLIDWORKS	MATERIAL		SHEET	2 of 4

See Page 1

LEGEND:

	NOTE CALLOUT
	REVISION CHANGE
	ITEM NUMBER



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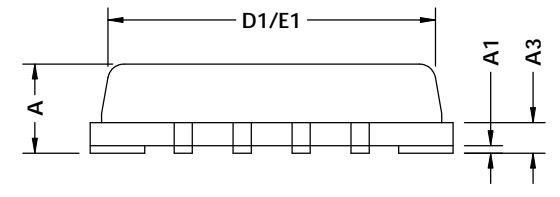
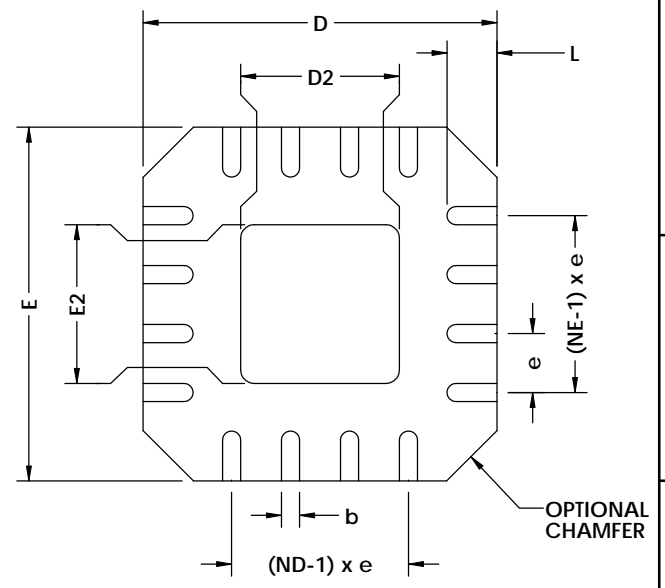
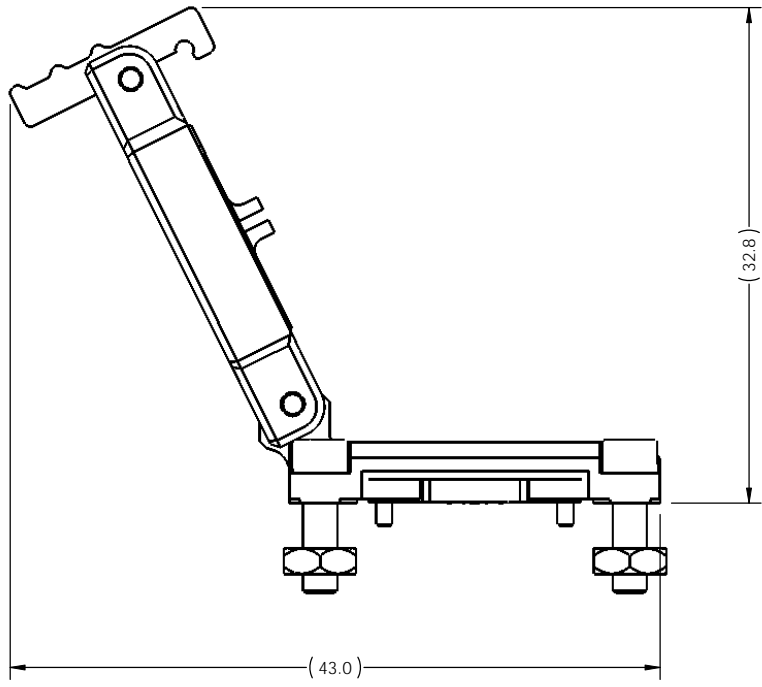
UNLESS OTHERWISE SPECIFIED  
- DIMENSIONS ARE IN MILLIMETERS  
- DIMS APPLY AFTER PLATING  
- TOLERANCES UNLESS OTHERWISE NOTED:

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

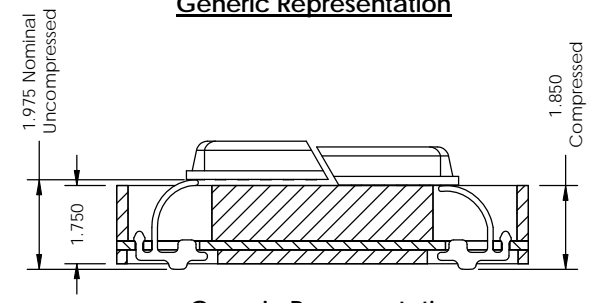
LEGEND:  
 (A) NOTE CALLOUT  
 (B) REVISION CHANGE  
 (C) ITEM NUMBER

7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066			
<b>SCKT, 16PQFN03-0.50, HINGED</b>			
REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	C
SCALE	MATERIAL	106458-0005	See Page 1
			3 of 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	16	
Lead Count X/Y	ND/NE	4	4
Device Type		QFN (MLP, MLF)	
Package Size	D/E	3.0±0.1*	3.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	2.0 min	2.0 min
Ground Pad	D2/E2	1.0 min	1.0 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 Cascade Microtech for more details.			



**Generic Representation**



**Generic Representation**

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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES *1*		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<b>SCKT, 16PQFN03-0.50, HINGED</b>			
LEGEND: X NOTE CALLOUT A REVISION CHANGE X ITEM NUMBER	REV: C MATERIAL: SOLIDWORKS	DRAWING NO: 106458-0005	REV: C
SCALE: See Page 1		SHEET: 4 of 4	