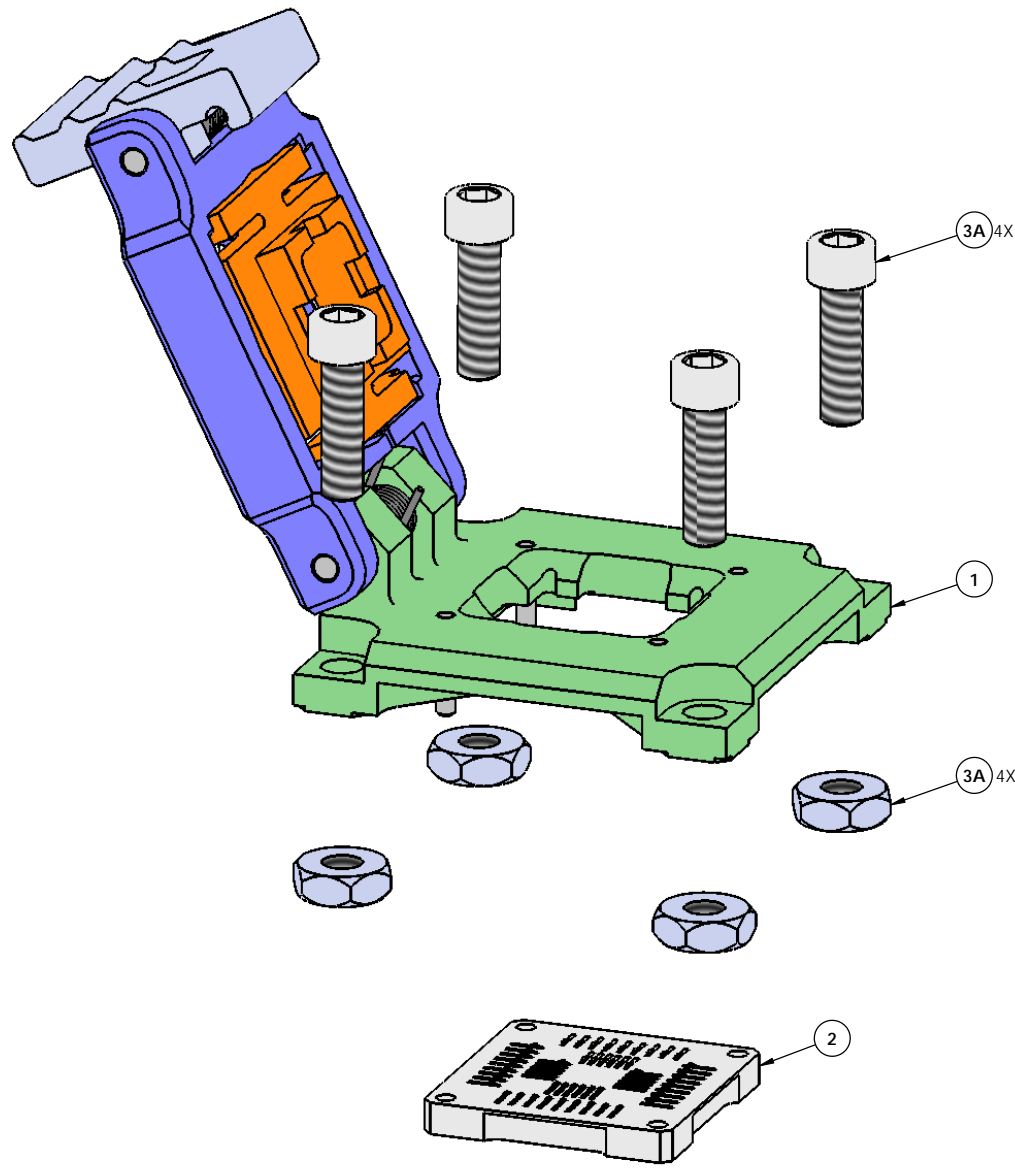


REV	ECO	BY	DESCRIPTION	APV	DATE
A			Initial Design		
B	30596	AS	Updated CS with panelized hsg, created SCKT dwg	KW	10/22/10

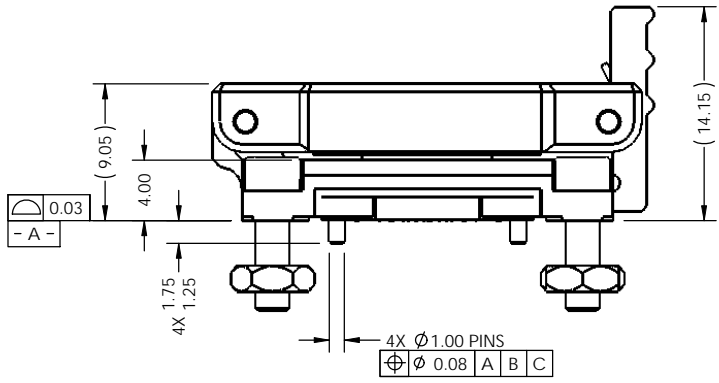
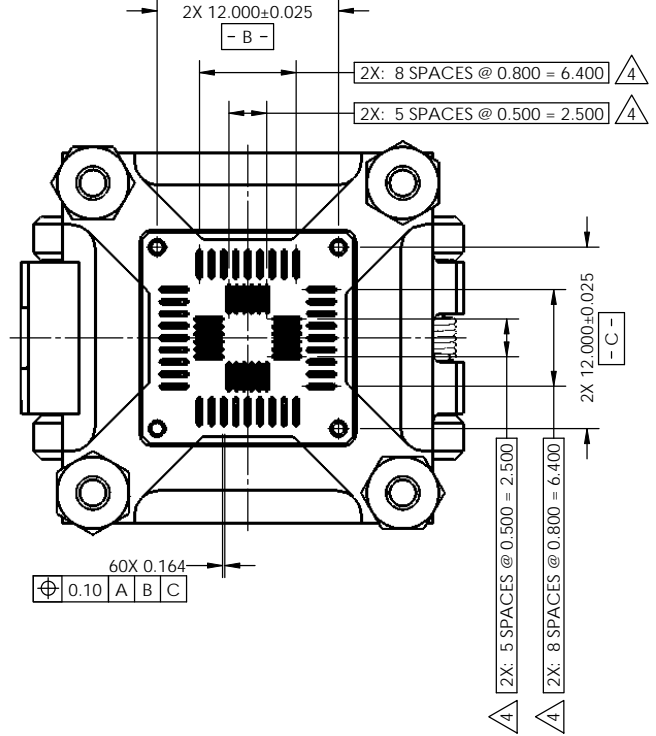
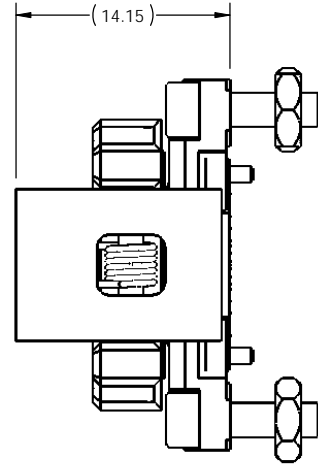
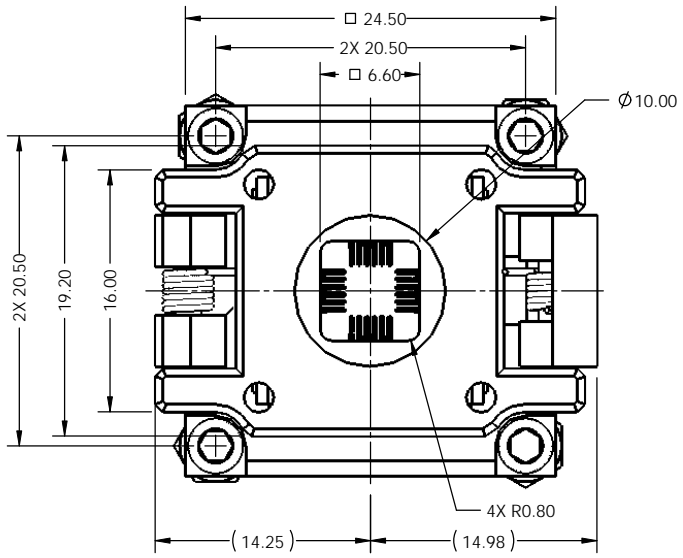


- Notes:
1. Latches to move freely and return to closed position when released.
  2. Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
  3. Footprint part number is 100691-0001.
  4. Dimension locates center line of contact.
  5. Minimum force applied to device at test is 2400g.
  6. Socket is RoHS compliant.
  7. Contact tip position (tip is defined as the highest point of the contact).
  8. In a mounted condition.
9. See Part Marking Standard 107340-0002 for engraving instructions.

Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0025	SCKT, 36PQFN09-0.80, HINGED
1	1	101082-0002	ASSY, L/F, QFN09, 1.80
2	1	106460-0025	CS, 36PQFN09-0.80
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°        XX    ±0.25           XXX   ±0.10           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>				7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066
	CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		DRAWING APPROVALS		<b>SCKT, 36PQFN09-0.80</b>
DRAWN: <b>A. Seiberlich</b> DATE: 10/22/10		NAME: _____    DATE: _____			
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		APP'D: <b>K. Wilson</b> DATE: 10/22/10		SCALE: C    CAD FORMAT: SOLIDWORKS    DRAWING NO: <b>106458-0025</b> REV: <b>B</b>	
THIRD ANGLE PROJECTION		SEE BOM		SHEET: 1 of 4	



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

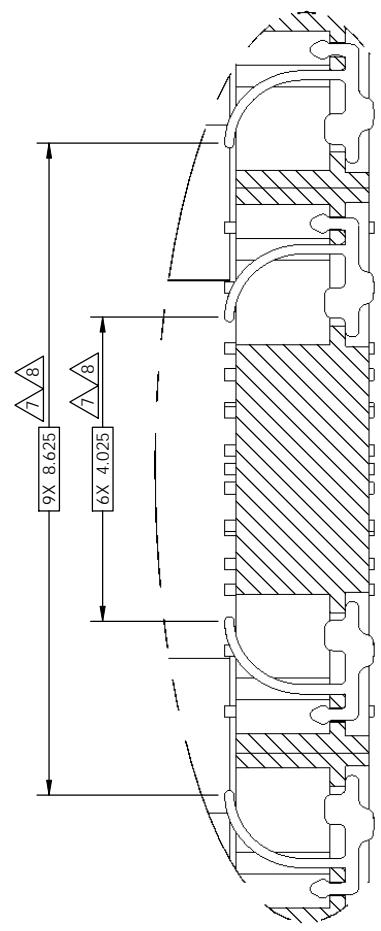
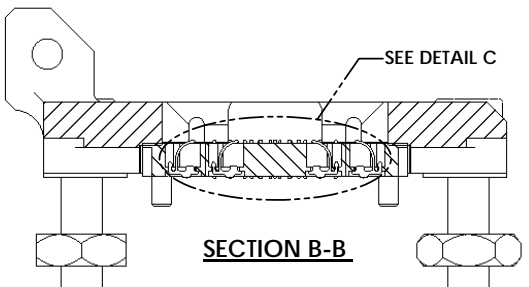
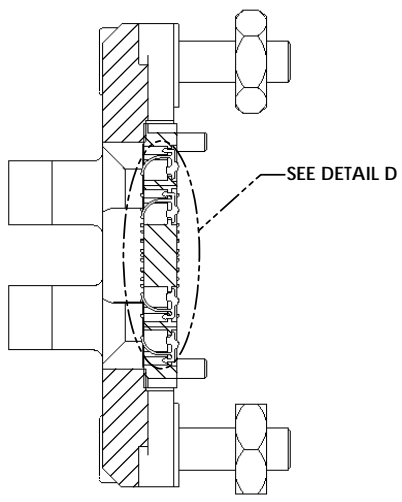
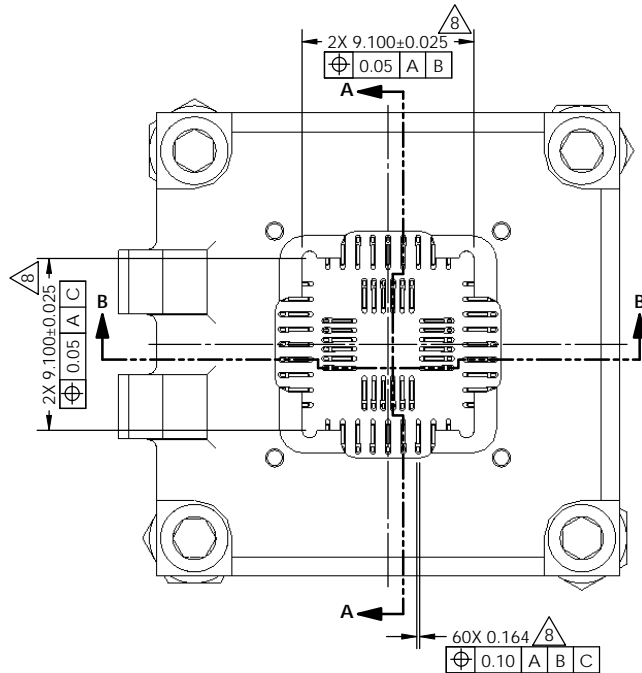
DECIMALS	X.X	±0.25
ANGLES	X.XX	±0.10
±1°	X.XXX	±0.050

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

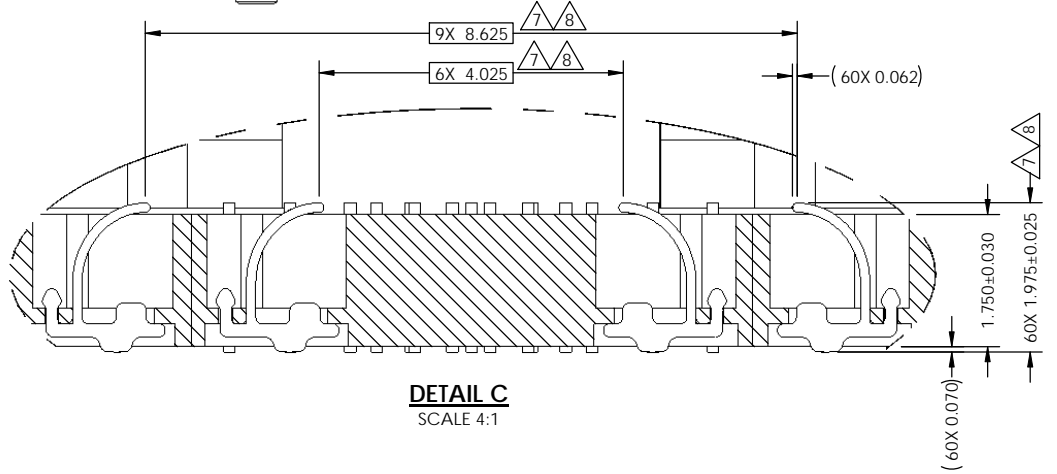
**SCKT, 36PQFN09-0.80**

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	B

SCALE: See Page 1  
 SHEET: 2 of 4



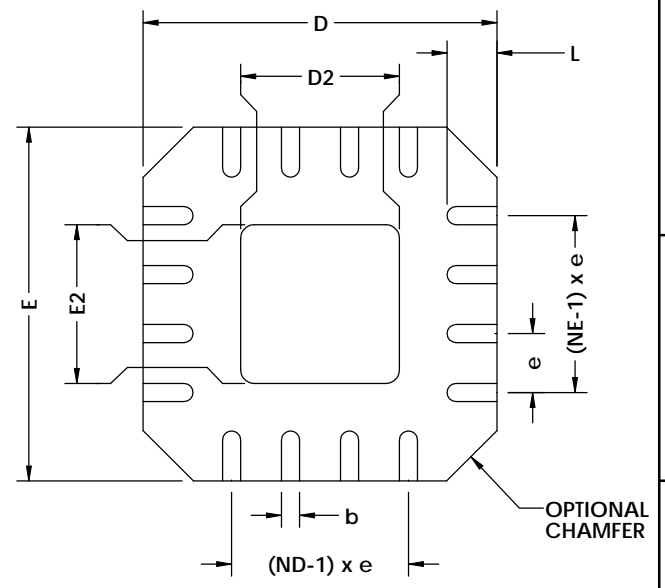
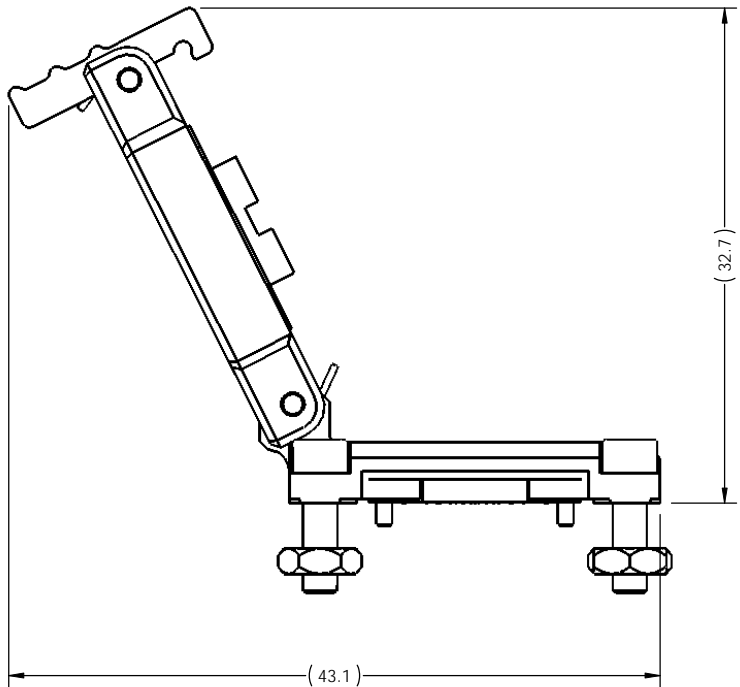
**DETAIL D**  
SCALE 4:1



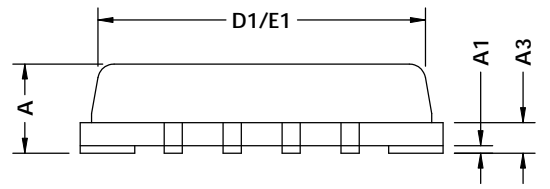
**DETAIL C**  
SCALE 4:1

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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>		<small>DECIMALS X.X    <math>\pm 0.25</math> X.XX   <math>\pm 0.10</math> X.XXX   <math>\pm 0.050</math></small>	
<small>ANGLES ±1°</small>			
<b>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</b>		<b>SCKT, 36PQFN09-0.80</b>	
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>DATE FORNAT</small> <b>C</b> SOLIDWORKS	<small>DRAWING NO.</small> <b>106458-0025</b>	<small>REV.</small> <b>B</b>
<small>SCALE</small> See Page 1		<small>SHEET</small> 3 of 4	

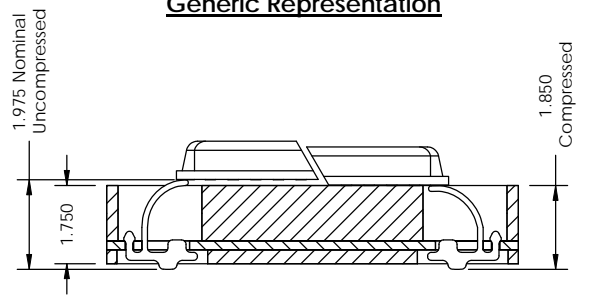
SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	36	
Lead Count X/Y	ND/NE	9	9
Device Type		QFN (MLP, MLF)	
Package Size	D/E	9.0±0.1*	9.0±0.1*
Pitch	e	0.80	
Encapsulant Size	D1/E1	8.0 min	8.0 min
Ground Pad	D2/E2	5.2 min	5.2 min
Package Height	A	0.65-1.00	
Pad Height	A1	0.00-0.05	
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 Gryphics for more details.			



OPTIONAL CHAMFER



Generic Representation



Generic Representation

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<b>SCKT, 36PQFN09-0.80</b>			
LEGEND: X NOTE CALLOUT A REVISION CHANGE X ITEM NUMBER	REV: C CAD FORMAT: SOLIDWORKS	DRAWING NO: 106458-0025	REV: B SHEET: 4 of 4
SCALE: See Page 1			