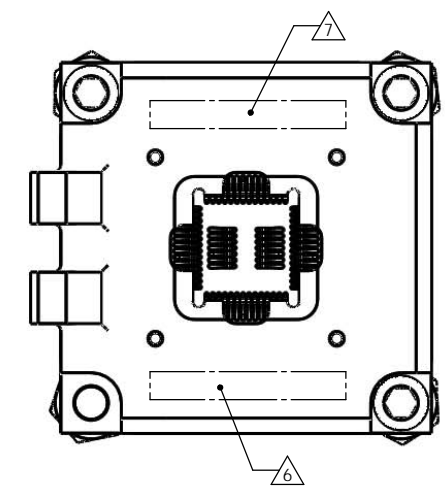
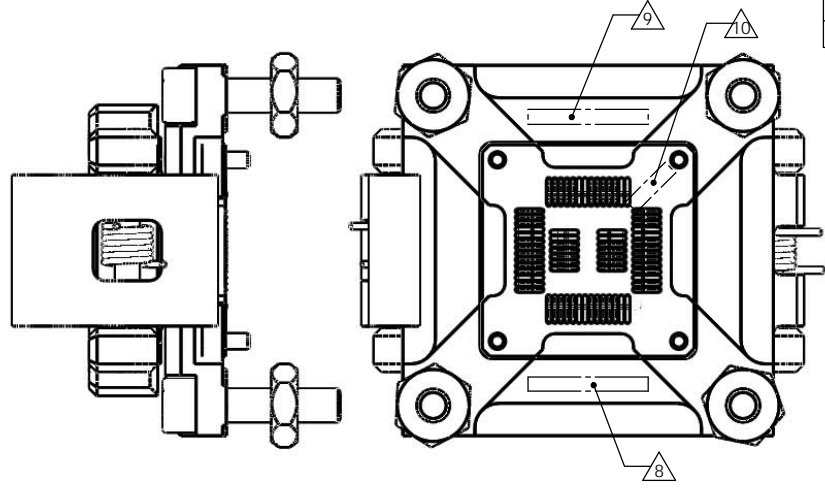
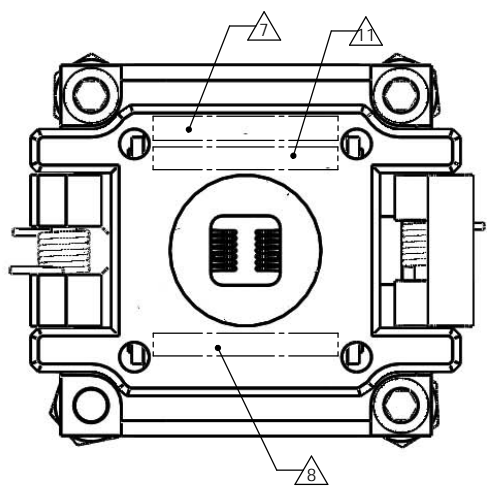
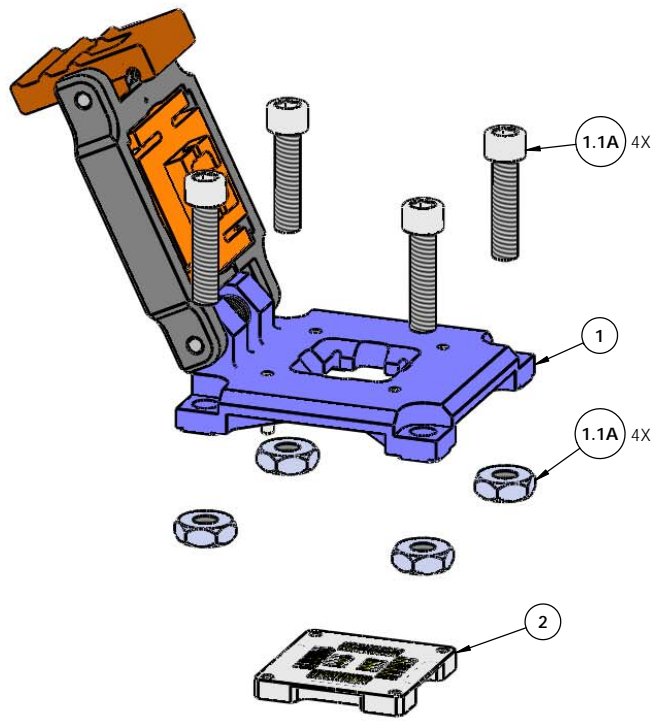


REV	ECO	BY	DESCRIPTION	APV	DATE
A	--		Initial Design		
B	30264	RJ	Create dwg to current design spec	KW	04/20/10
C	30491	KDW	1) Footprint Was 104411-0031	KDW	07/22/10




TOP VIEW W/O LID

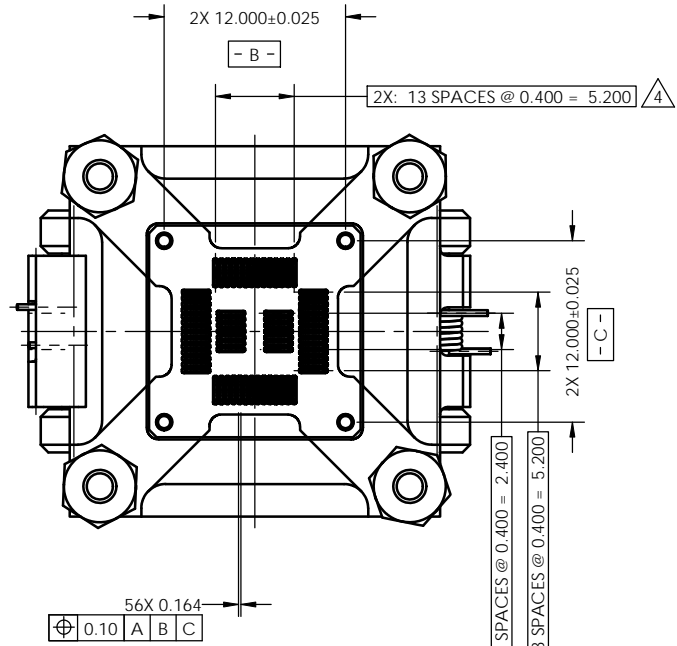
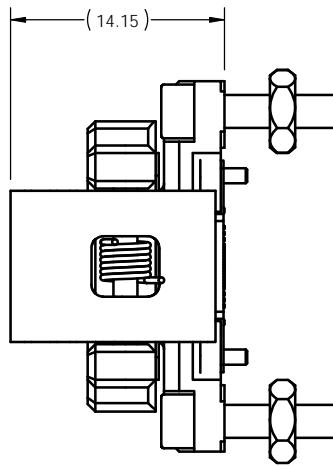
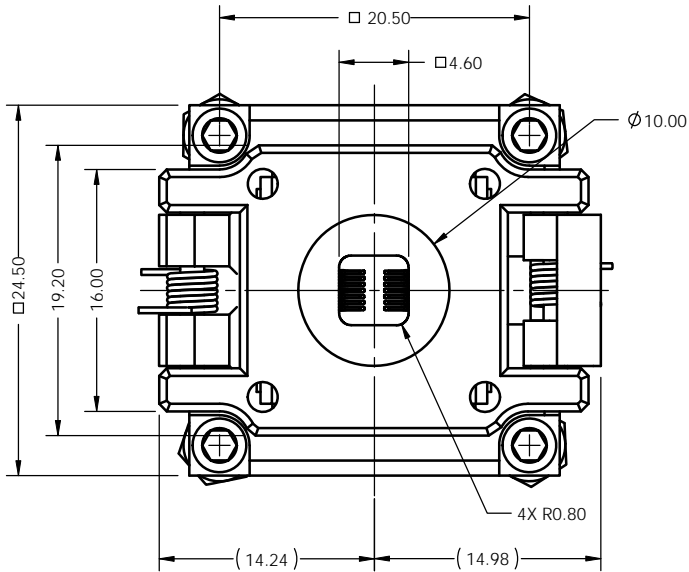


- Notes:
- Latches to move freely and return to closed position when released.
 - Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
 - Footprint part number is 100672-0008. (S)
 - Dimension locates center line of contact.
 - Minimum force applied to device at test is 3850g.
 - Socket part 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.

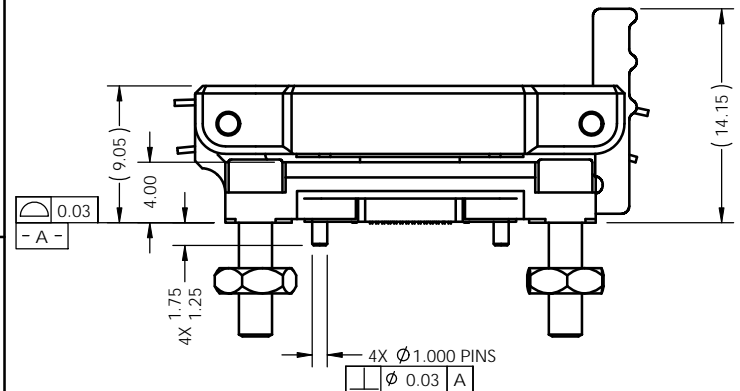
Item No.	Qty.	Part Number	Parts List Description
0	-	106458-0039	SCKT, 56PQFN07-0.40, HINGED
1	1	101082-0157	ASSY, C/F, QFN07, 1.80
1.1A	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
1.1B*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4
2	1	106460-0127	CS, 56PQFN07-0.40, CUST

* 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		 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DRAWING APPROVALS		SCKT, 56PQFN07-0.40, HINGED	
DESIGN R. Jordan	DATE 04/20/10	106458-0039	
APPROV K. Wilson	DATE 04/20/10	C	
THIRD ANGLE PROJECTION		SCALE C	SHEET 1 of 4
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		SEE BOM	



4 2X: 6 SPACES @ 0.400 = 2.400
 4 2X: 13 SPACES @ 0.400 = 5.200



- A -
 0.03
 4X Ø1.000 PINS
 Ø 0.03 A

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 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
 ANGLES X.X ±0.25
 ° ±1° X.XX ±0.10
 X.XXX ±0.050

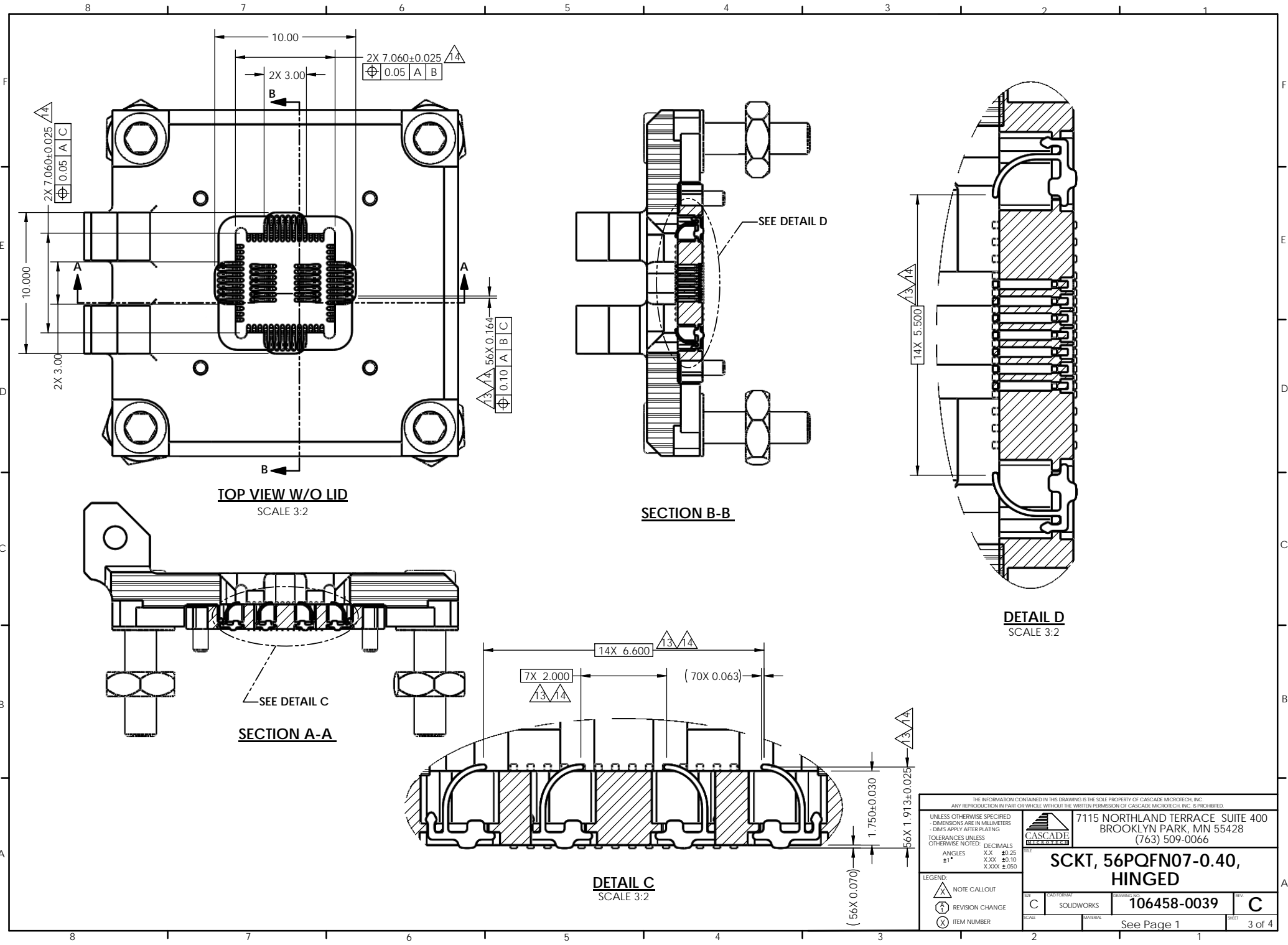
7115 NORTHLAND TERRACE SUITE 400
 BROOKLYN PARK, MN 55428
 (763) 509-0066

SCKT, 56PQFN07-0.40, HINGED

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	C

SCALE: See Page 1

SHEET: 2 of 4



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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- DIMS APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED:

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

LEGEND:

- NOTE CALLOUT
- REVISION CHANGE
- ITEM NUMBER

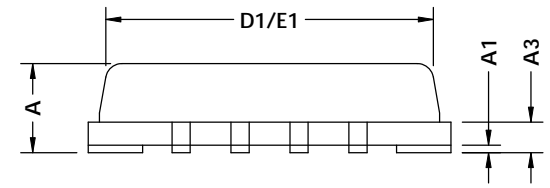
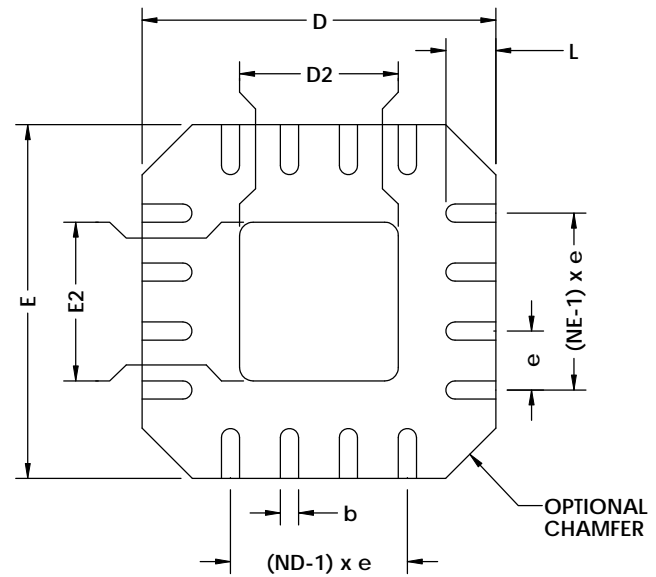
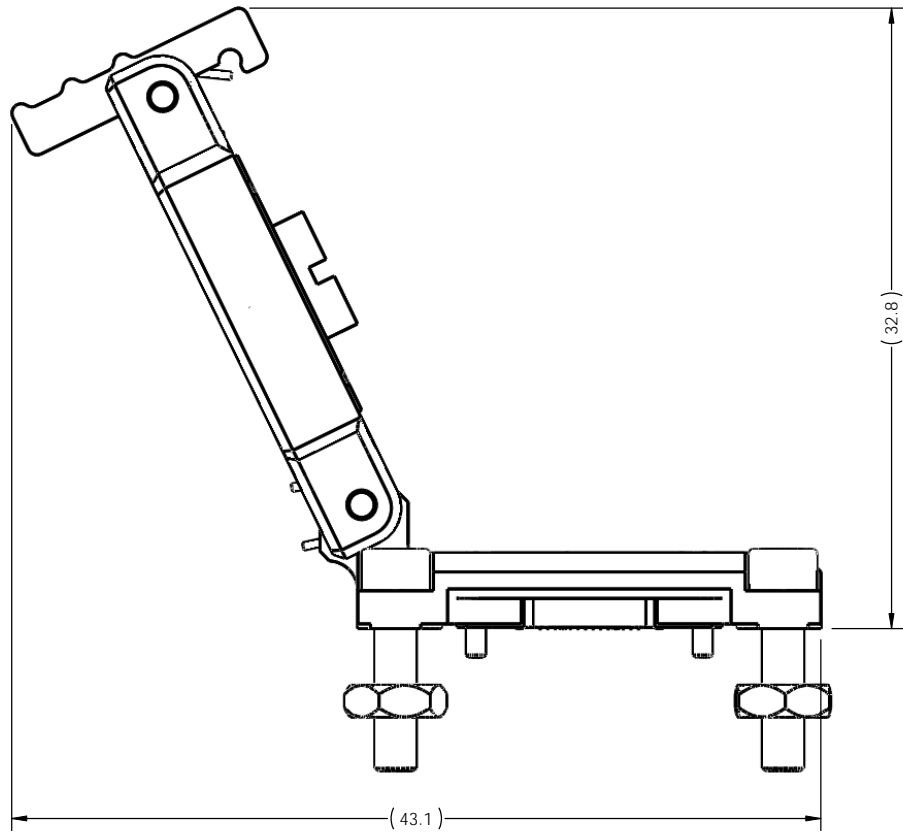
DATE	DESIGNED BY	DRAWING NO.	REV.
C	SOLIDWORKS	106458-0039	C
SCALE	MATERIAL	See Page 1	
		3 of 4	

7115 NORTHLAND TERRACE SUITE 400
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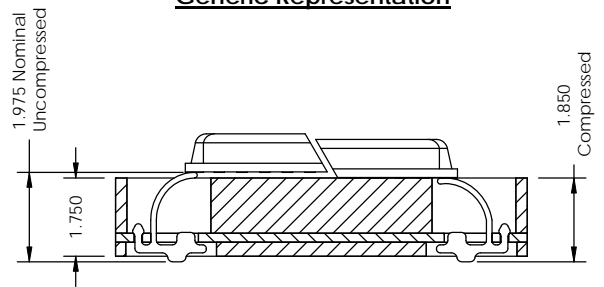
SCKT, 56PQFN07-0.40, HINGED

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	56	
Lead Count X/Y	ND/NE	14	14
Device Type		QFN (MLP, MLF)	
Package Size	D/E	7.0±0.1*	7.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	5.0 min	5.0 min
Ground Pad	D2/E2	2.0 min	2.0 min
Package Height	A	0.80-0.90	
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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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>	<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066
SCKT, 56PQFN07-0.40, HINGED		DRAWING NO. 106458-0039	REV. C
LEGEND: (X) NOTE CALLOUT (A) REVISION CHANGE (X) ITEM NUMBER	C (CAD FORMAT) C (SOLIDWORKS)	SCALE: See Page 1	SHEET: 4 of 4