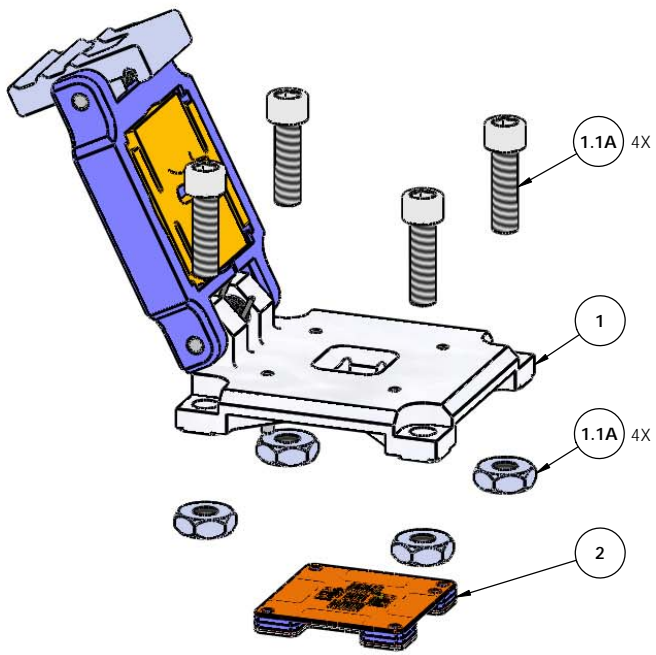
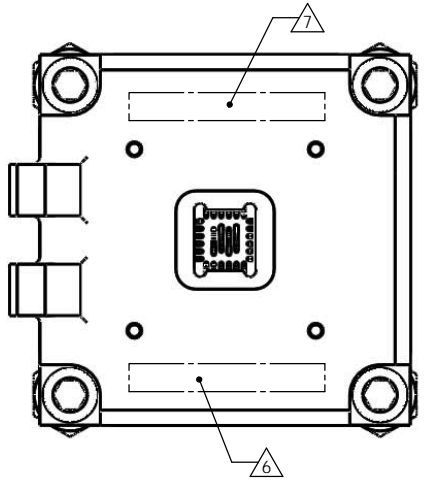
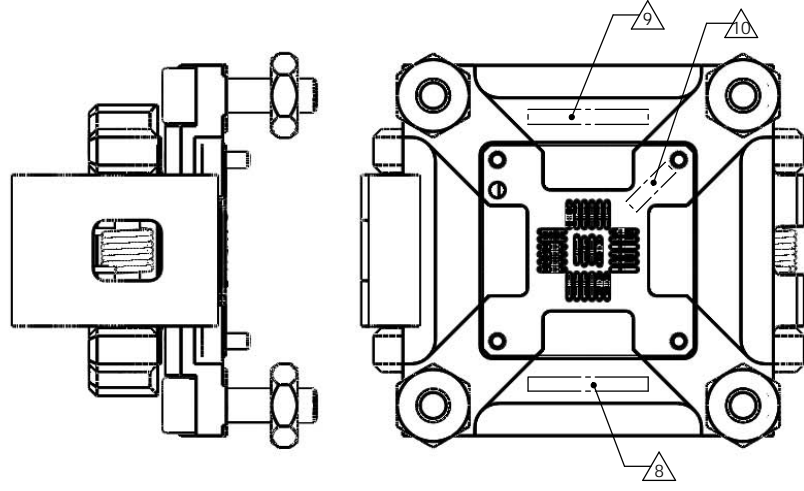
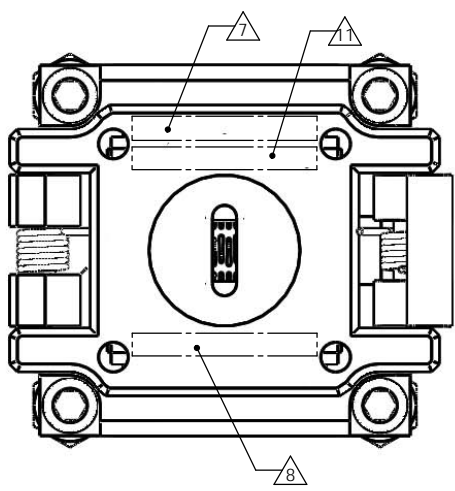



REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	06/17/08
B	30339	KP	Update format	KW	05/11/10

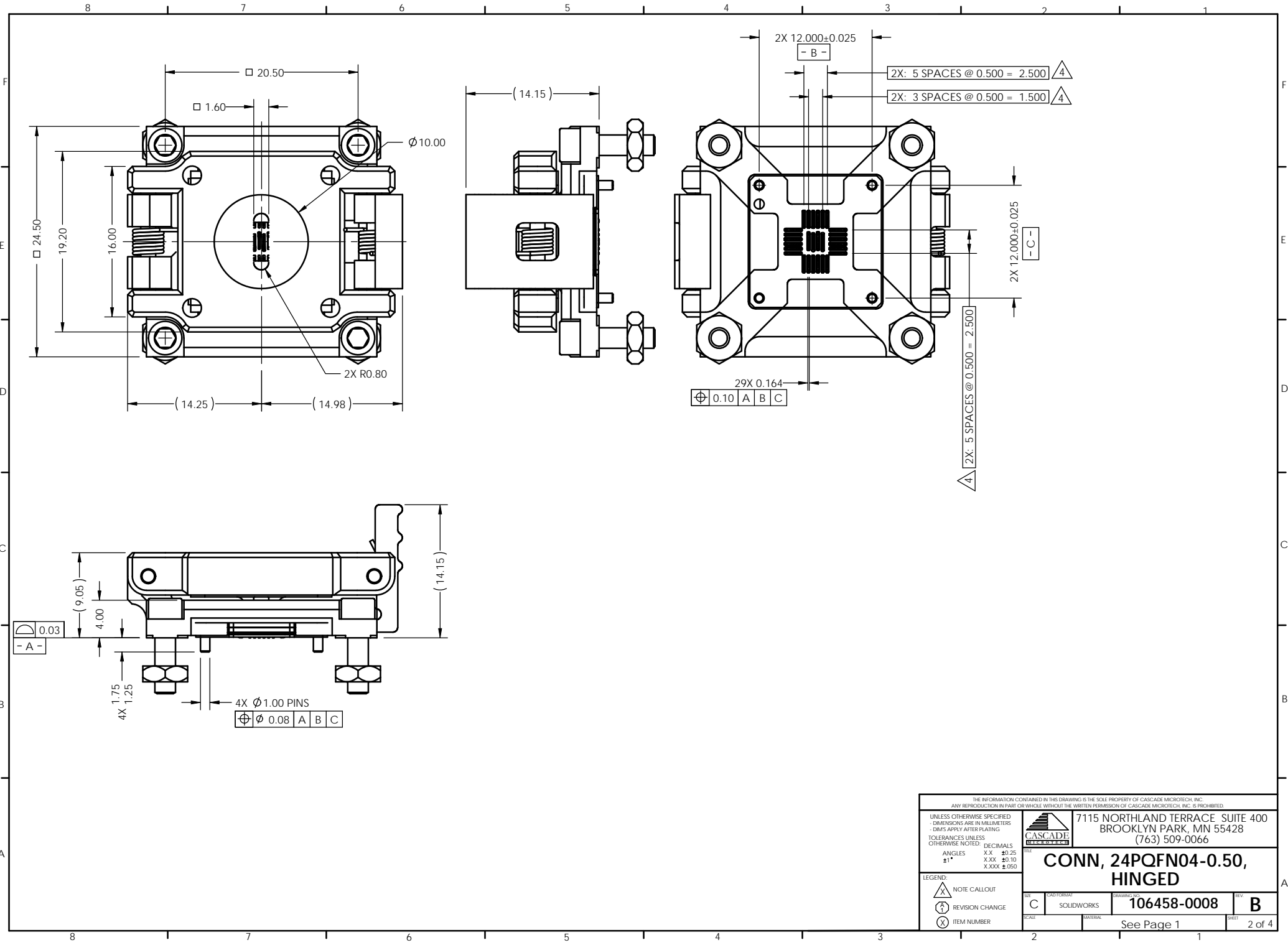


- Notes:
- Latches to move freely and return to closed position when released.
 - Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
 - Footprint part number is 100674-0001.
 - Dimension locates center line of contact.
 - Minimum force applied to device at test is 840g.
 - Socket part number 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	Description
0	-	106458-0008	SCKT, 24PQFN04-0.50, HINGED
1	1	101082-0007	ASSY, L/F, QFN04, 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	106460-0008	CS, 24PQFN04-0.50

* Items not shown.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:		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.	
ANGLES DECIMALS ±1° .XX ±0.25 .XXX ±0.10 X.XXX ±0.050		 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DRAWING APPROVALS		SCKT, 24PQFN04-0.50, HINGED	
DESIGN: K. Pitney	DATE: 06/17/08	SCALE: C	REV: B
APPROV: M. Peery	DATE: 06/17/08	106458-0008	
THIRD ANGLE PROJECTION		SCALE: SEE BOM	SHEET: 1 of 4



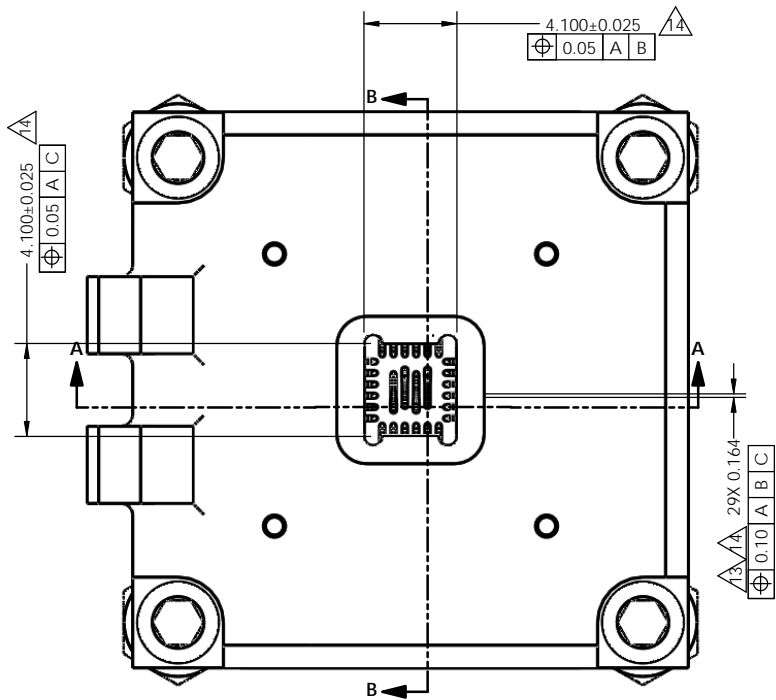
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UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED:

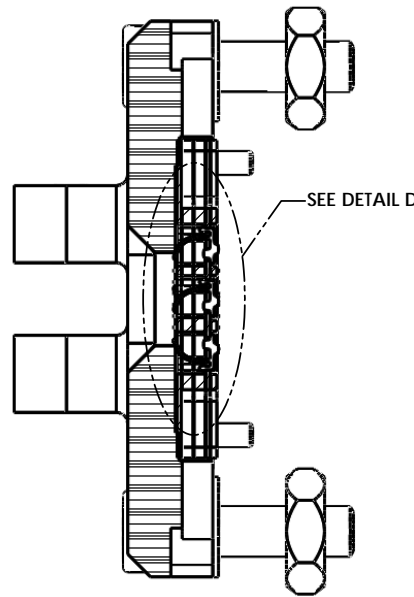
DECIMALS	±0.25
ANGLES	±1°
X.X	±0.10
X.XX	±0.050

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

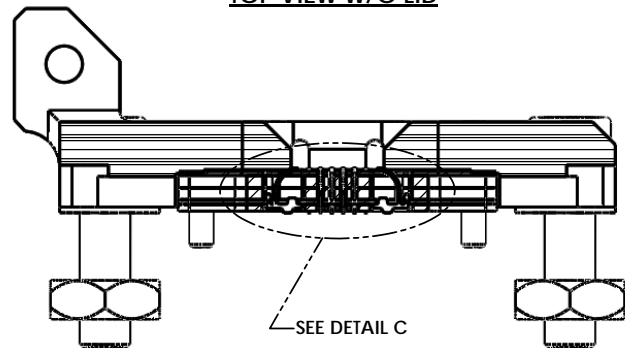
7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
CONN, 24QFN04-0.50, HINGED	
DESIGNER: C	DRAWING NO: 106458-0008
SCALE: SOLIDWORKS	MATERIAL: B
SEE: See Page 1	SHEET: 2 of 4



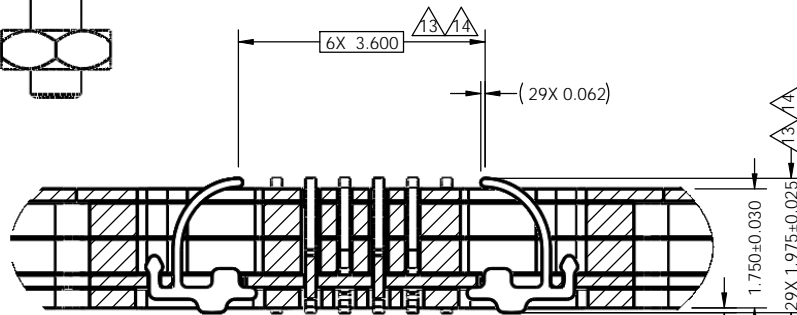
TOP VIEW W/O LID



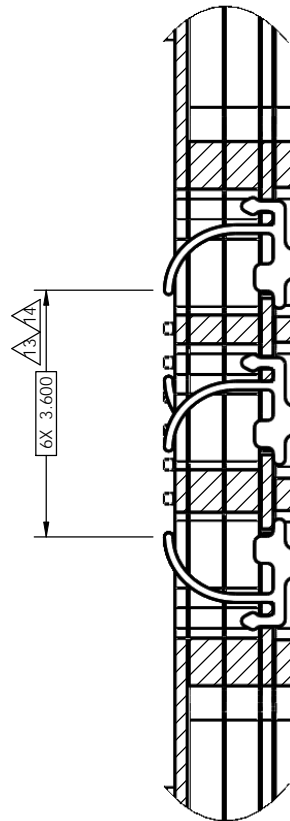
SECTION B-B



SECTION A-A



DETAIL C
SCALE 3:1

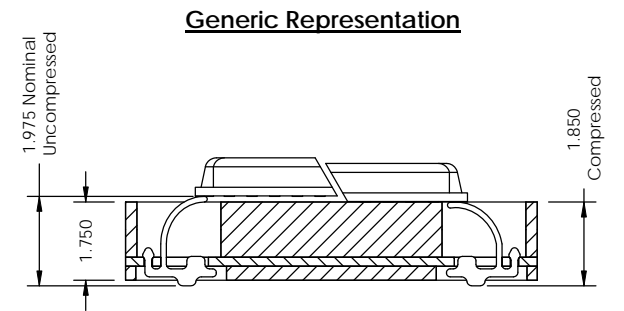
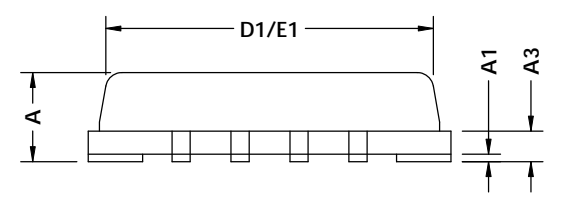
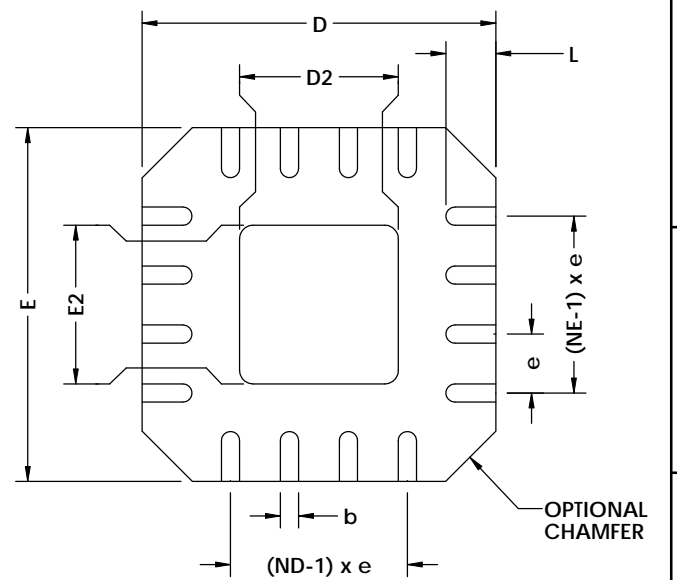
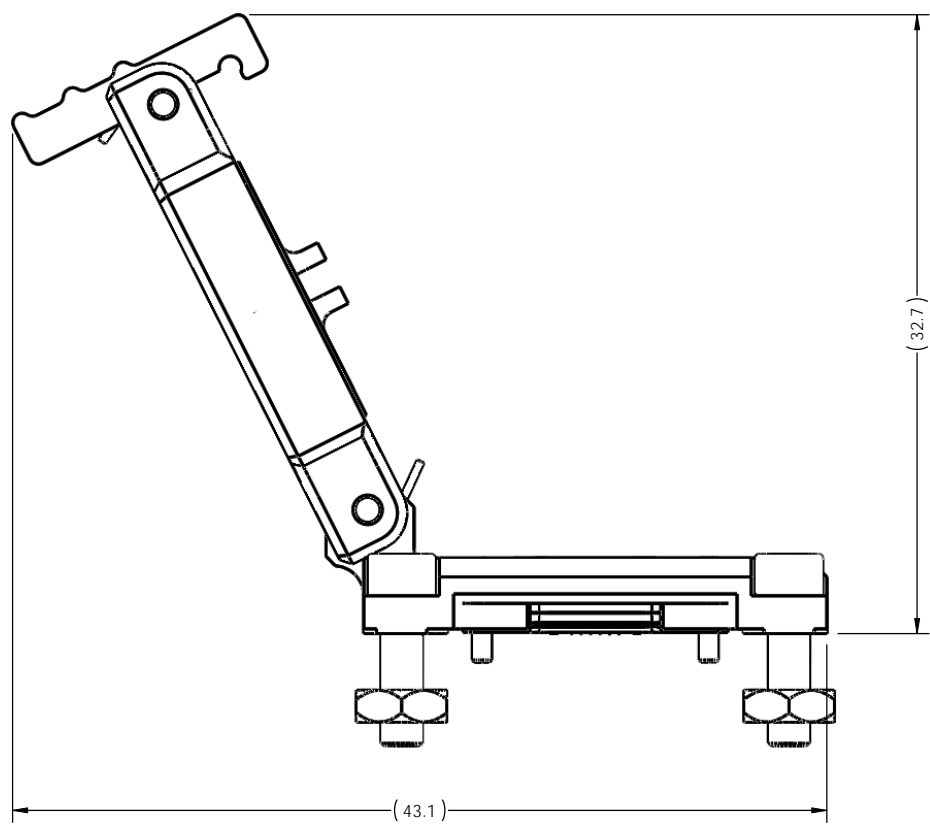


DETAIL D
SCALE 3:1

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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>		<small>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</small>	
<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	<p>CONN, 24POFN04-0.50, HINGED</p>		
<small>LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER</small>	<small>DATE FORNAT C SOLIDWORKS</small>	<small>DRAWING NO. 106458-0008</small>	<small>REV. B</small>
<small>SCALE See Page 1</small>		<small>SHEET 3 of 4</small>	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	24	
Lead Count X/Y	ND/NE	6	6
Device Type		QFN (MLP, MLF)	
Package Size	D/E	4.0±0.1*	4.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	3.0 min	3.0 min
Ground Pad	D2/E2	1.5 min	1.5 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.



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UNLESS OTHERWISE SPECIFIED
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 - 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, 24PQFN04-0.50, HINGED

LEGEND:
 (X) NOTE CALLOUT
 (R) REVISION CHANGE
 (I) ITEM NUMBER

SCALE: C (CADD FORUM) SOLIDWORKS
 MATERIAL: See Page 1
 DRAWING NO: 106458-0008
 REV: B
 SHEET: 4 of 4