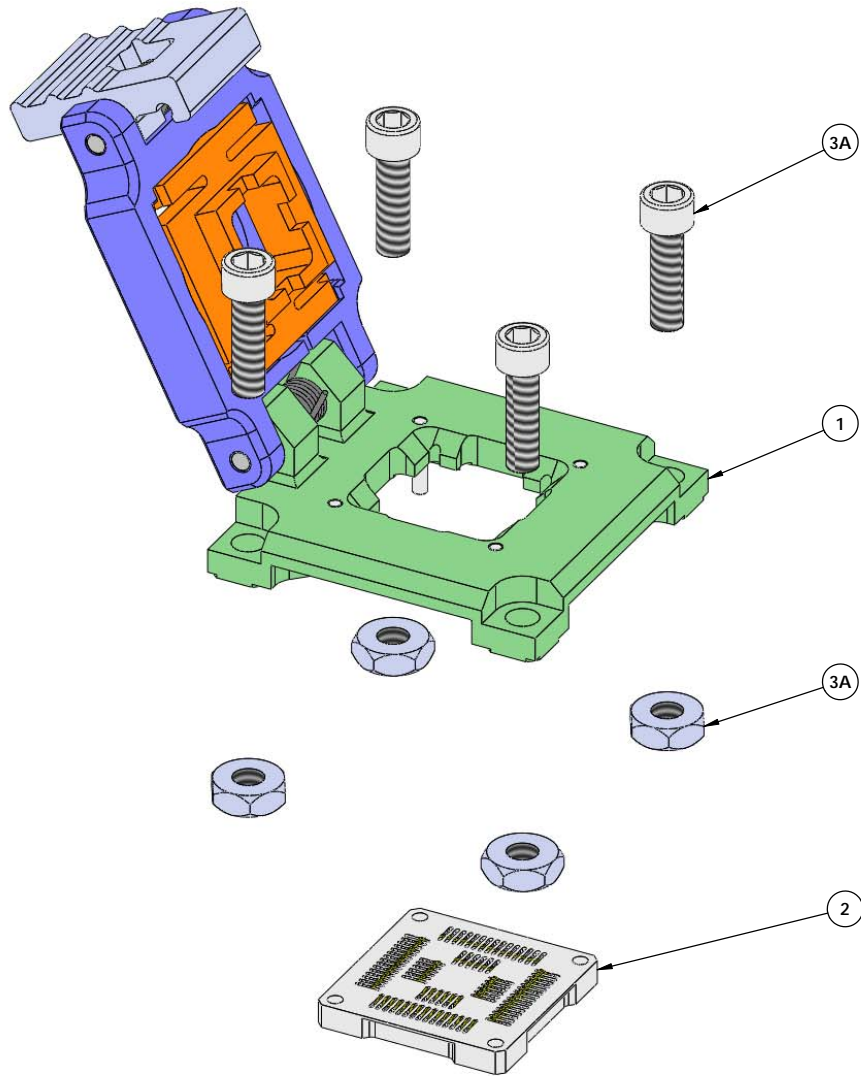


REV	ECO	BY	DESCRIPTION	APV	DATE
A	-	AS	Initial Design	MP	03/11/09
B	30862	JN	Updated Drawing Format	KW	08/12/11



Notes:

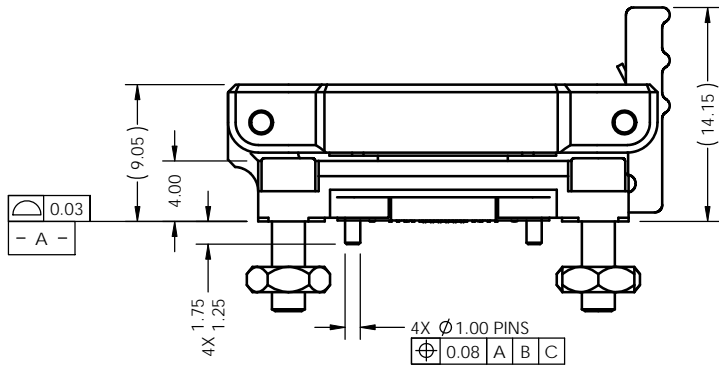
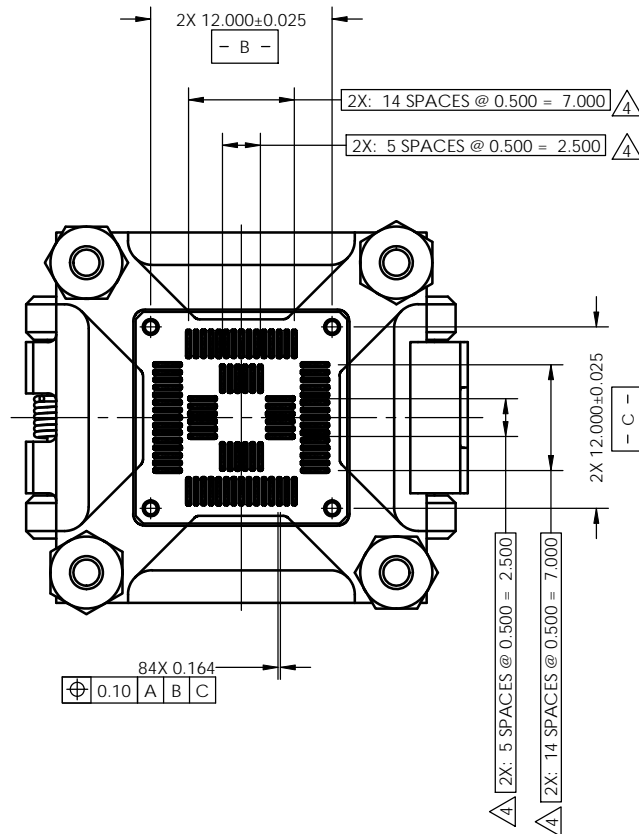
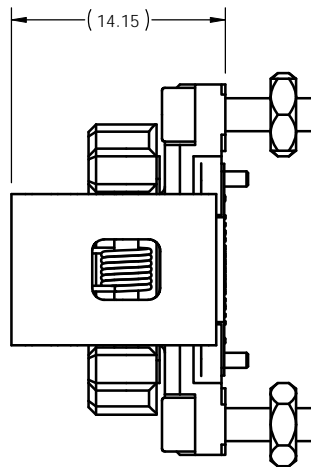
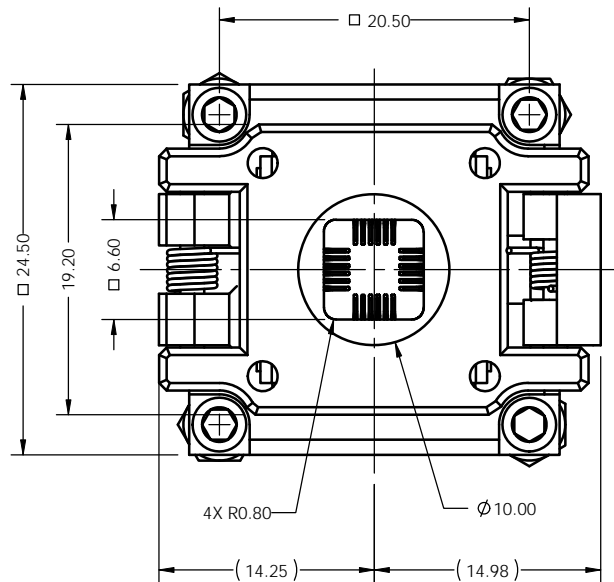
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
- Footprint part number is 100693-0001.
- Dimension locates center line of contact.
- Minimum force applied to device at test is 3780g.
- Socket is RoHS compliant.
- Contact 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	-	106458-0027	SCKT, 60PQFN09-0.50
1	1	101082-0002	ASSY, LID/FRAME, QFN09
2	1	106460-0027	CS, 60PQFN09-0.50
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.

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 ±1°		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066									
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		DRAWING APPROVALS <table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>A. Seiberlich</td> <td>03/11/09</td> </tr> <tr> <td>M. Peery</td> <td>03/11/09</td> </tr> </table>		NAME	DATE	A. Seiberlich	03/11/09	M. Peery	03/11/09		
NAME	DATE										
A. Seiberlich	03/11/09										
M. Peery	03/11/09										
THIRD ANGLE PROJECTION 		SOCKET, 60PQFN09-0.50, HINGED <table border="1"> <tr> <td>SCALE: C</td> <td>SOLIDWORKS</td> <td>DESCRIPTION: 106458-0027</td> <td>REV: B</td> </tr> <tr> <td colspan="3">SEE BOM</td> <td>SHEET 1 of 4</td> </tr> </table>		SCALE: C	SOLIDWORKS	DESCRIPTION: 106458-0027	REV: B	SEE BOM			SHEET 1 of 4
SCALE: C	SOLIDWORKS	DESCRIPTION: 106458-0027	REV: B								
SEE BOM			SHEET 1 of 4								

8 7 6 5 4 3 2 1



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
DIM'S APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED:

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

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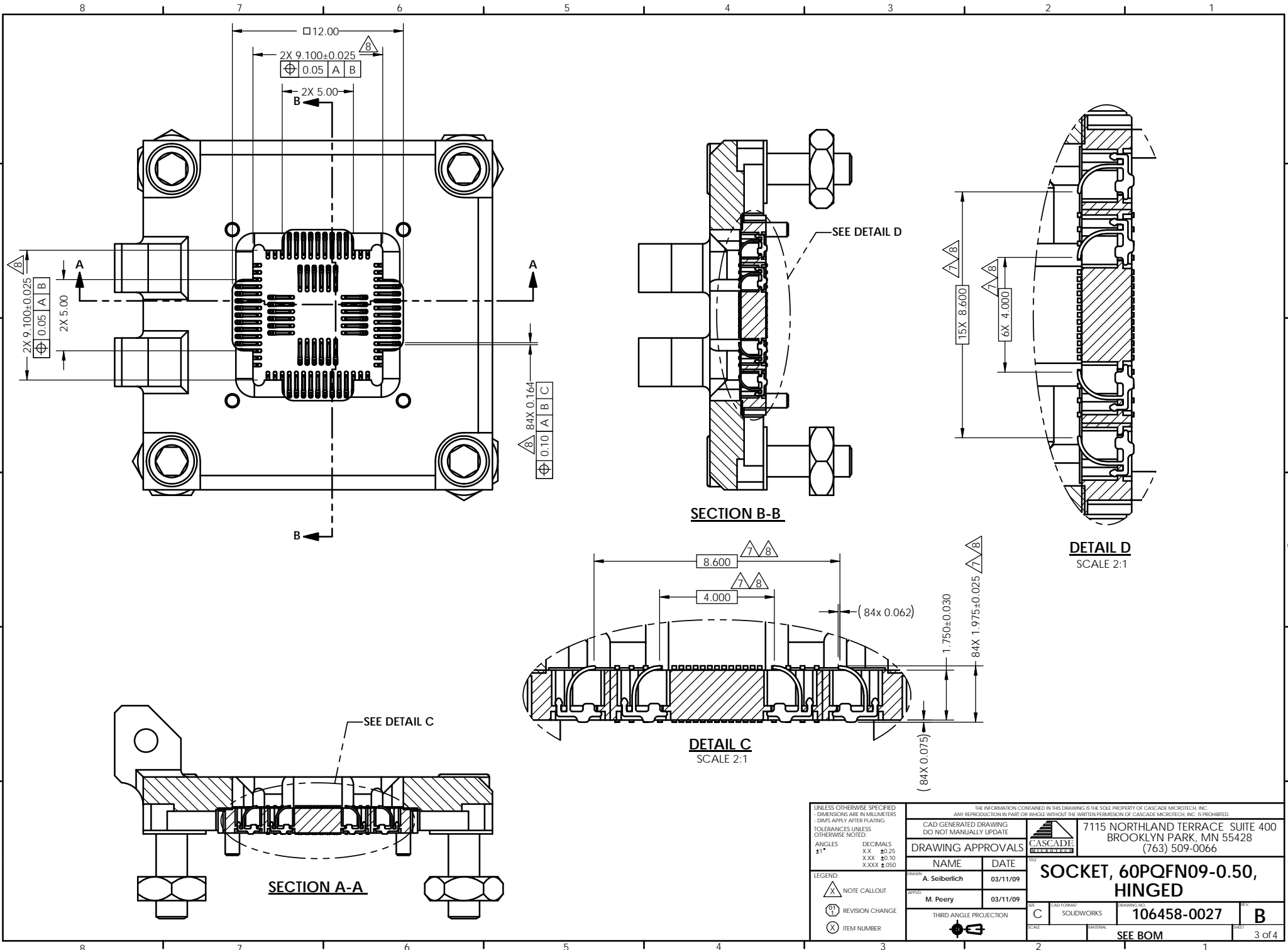
CAD GENERATED DRAWING
DO NOT MANUALLY UPDATE



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

SOCKET, 60PQFN09-0.50, HINGED

DESIGN: A. Seibertlich	DATE: 03/11/09
APP'D: M. Peery	03/11/09
THIRD ANGLE PROJECTION	
SCALE: C	SHEET: B
SEE BOM	

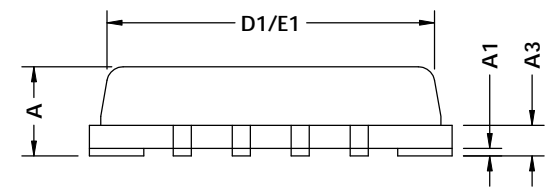
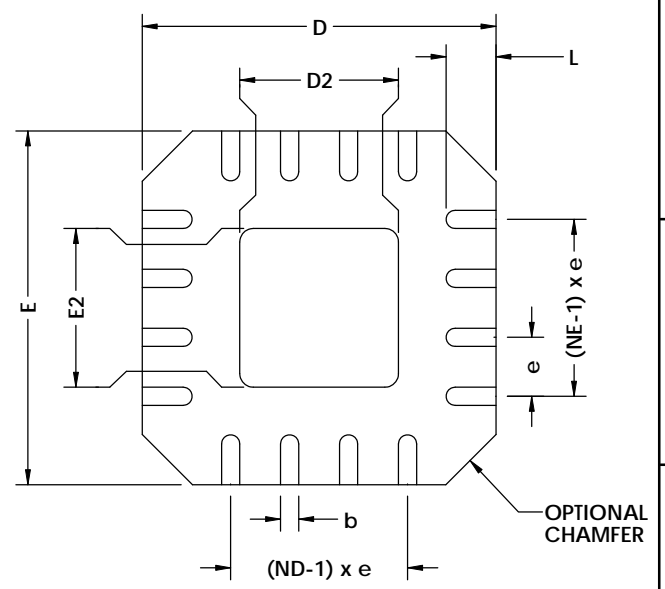
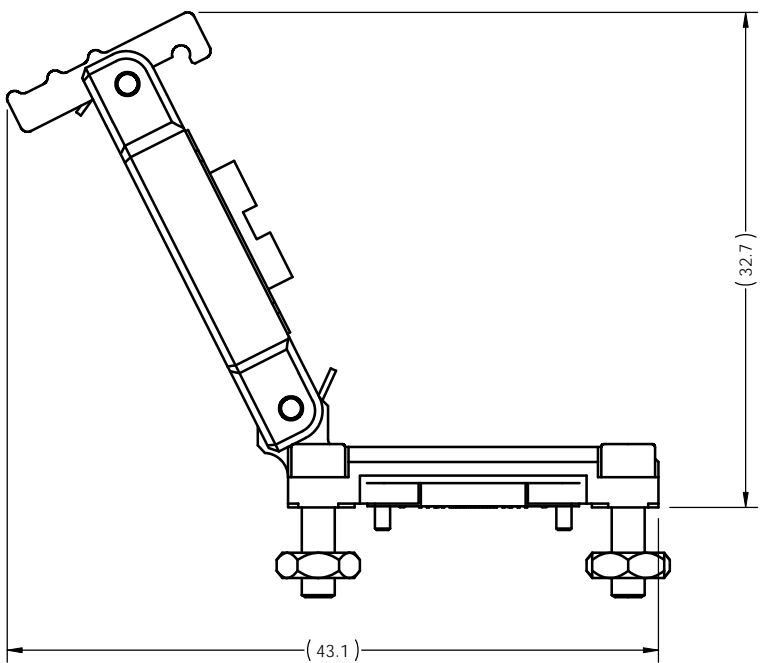
2 of 4



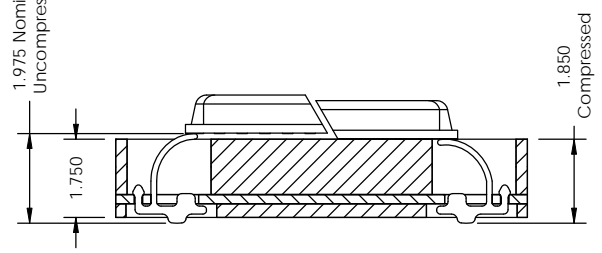
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ANGLES ±1°		DRAWING APPROVALS	
DECIMALS XX ±0.25 XXX ±0.10 XXXX ±0.050	NAME A. Seibertlich	DATE 03/11/09	 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066
LEGEND:	APPROV. M. Peery	DATE 03/11/09	
<ul style="list-style-type: none"> NOTE CALLOUT REVISION CHANGE ITEM NUMBER 	THIRD ANGLE PROJECTION 		SOCKET, 60PQFN09-0.50, HINGED CUSTOMER: 106458-0027 SHEET: B
	SCALE: SEE BOM	SUBSTITUTION: SOLIDWORKS	3 of 4

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	60	
Lead Count X/Y	ND/NE	15	15
Device Type		QFN (MLP, MLF)	
Package Size	D/E	9.0±0.1*	9.0±0.1*
Pitch	e	0.50	
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 samll 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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<small>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</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SOCKET, 60PQFN09-0.50, HINGED			
LEGEND: (X) NOTE CALLOUT (R) REVISION CHANGE (I) ITEM NUMBER	C CAD FORMAT SOLIDWORKS	DRAWING NO. 106458-0027	REV. B
SCALE See Page 1		SHEET 4 of 4	