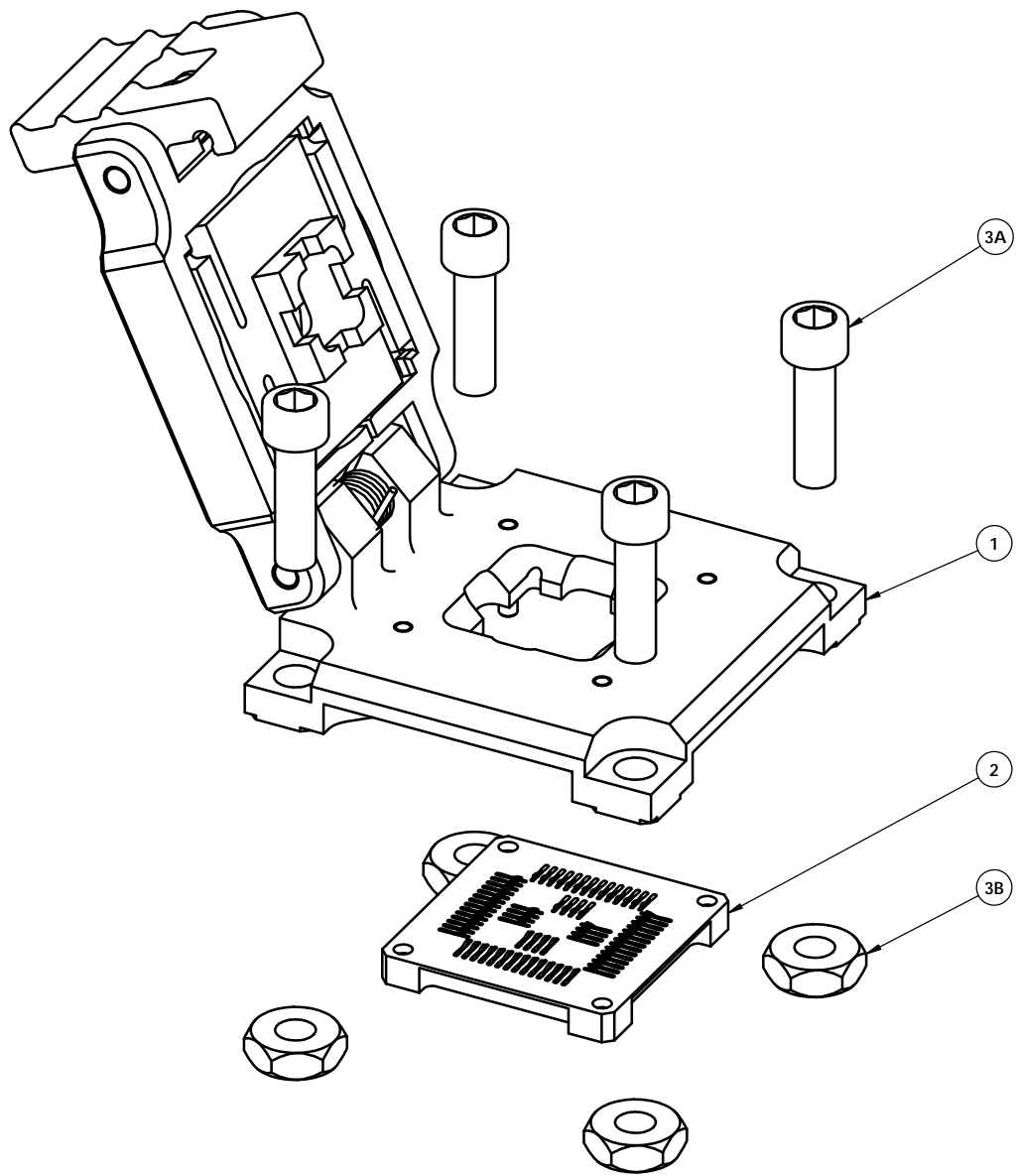


REV	ECO	BY	DESCRIPTION	APV	DATE
-00		ET	Initial Design	MP	09/11/08
A	31197	WB	Updated to current standard	KW	09/10/12

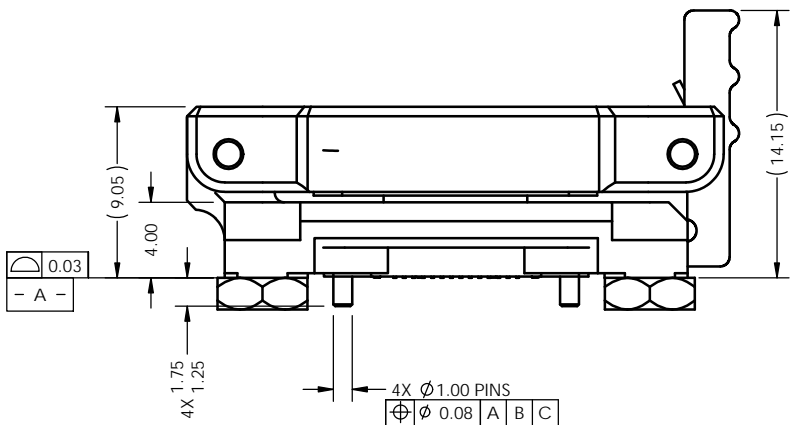
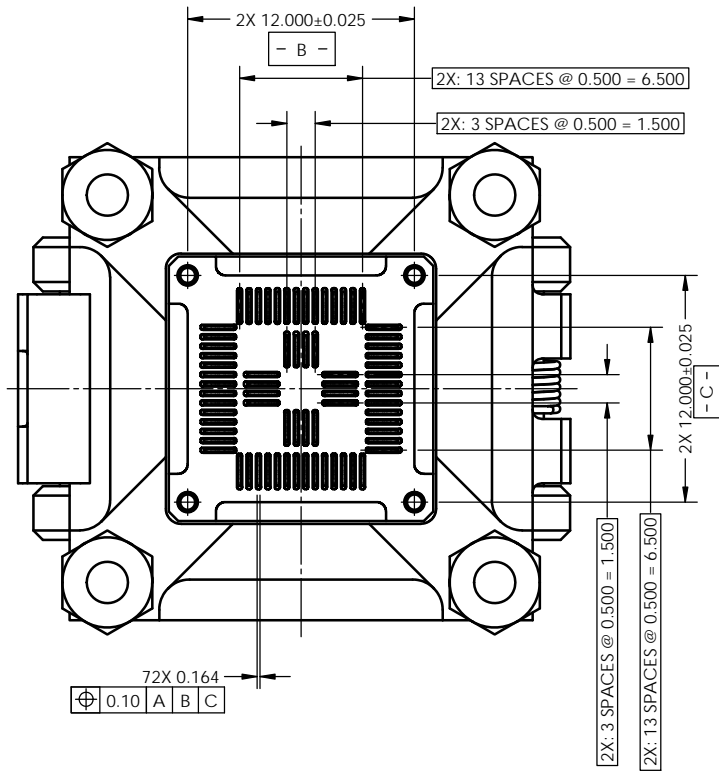
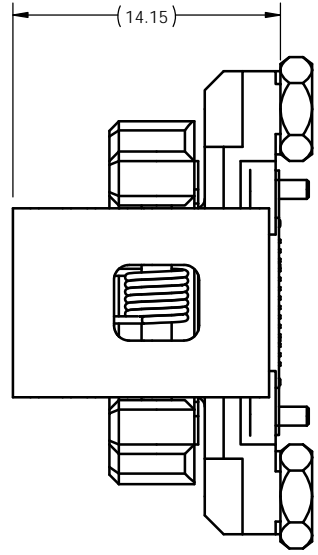
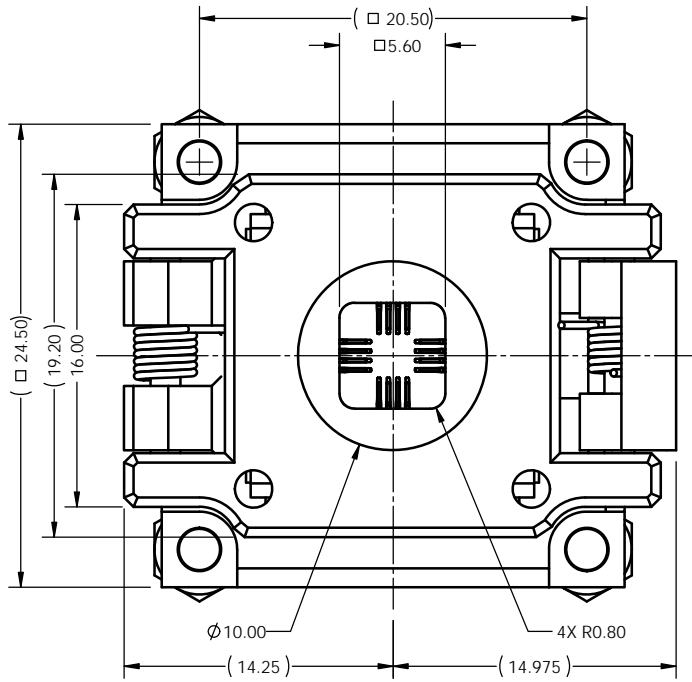


Notes:

- 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 100690-0007.
- △ Dimension locates center line of contact.
- Minimum force applied to device at test is 3150g.
- 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	Qty	PART NUMBER	DESCRIPTION
1	1	101082-0003	ASSY, C/F, 56PQFN08-0.50
2	1	106460-0024	CS, 56PQFN08-0.50
3A	1	101133-0001	KIT, HW, #2-56 X 5/16, SST
3B	1	101133-0002	KIT, HW, M2.0 X 8.0, SST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM5 APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RAD INTERCONNECT SOLUTIONS. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF RAD INTERCONNECT SOLUTIONS IS PROHIBITED.																					
ANGLES ±1°		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066																					
DECIMALS XX ±0.25 XXX ±0.10 XXXX ±0.050		DRAWING APPROVALS																					
LEGEND:		<table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>E.Turin</td> <td>09/09/08</td> </tr> <tr> <th>APPROV:</th> <th>DATE</th> </tr> <tr> <td>M.Peery</td> <td>09/10/08</td> </tr> </table>		NAME	DATE	E.Turin	09/09/08	APPROV:	DATE	M.Peery	09/10/08												
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△	NOTE CALLOUT																						
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UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
 ANGLES X.X ±0.25
 ° ±1° X.XX ±0.10
 X.XXX ±0.050

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

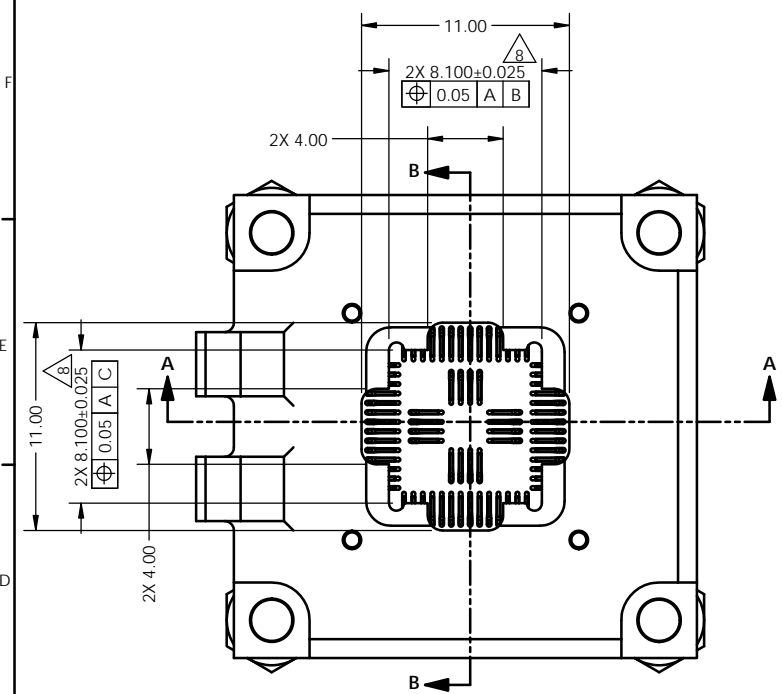
7115 NORTHLAND TERRACE, SUITE 400
 BROOKLYN PARK, MN 55428
 (763) 509-0066

SOCKET, 56PQFN08-0.50, HINGED

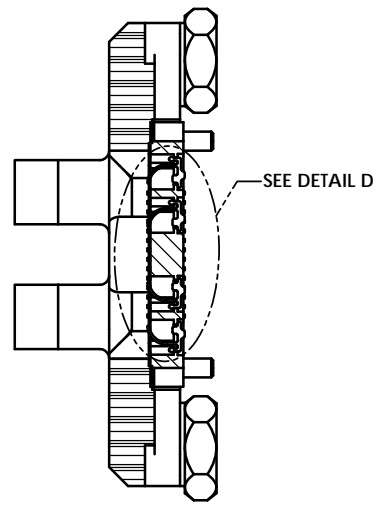
DESIGN	CAD FORMAN	DRAWING NO.	REV.
C	SOLIDWORKS	106458-0024	A
SCALE	MATERIAL	See Page 1	
		2 of 4	

8 7 6 5 4 3 2 1

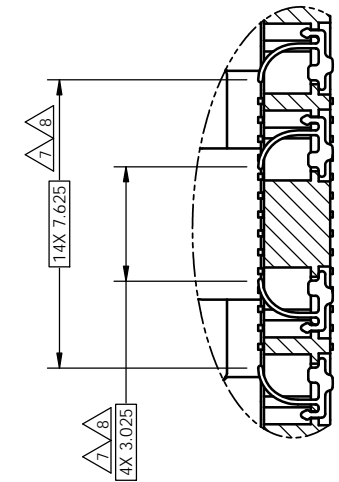
F
E
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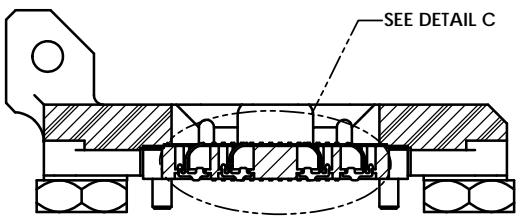
TOP VIEW WITHOUT LID



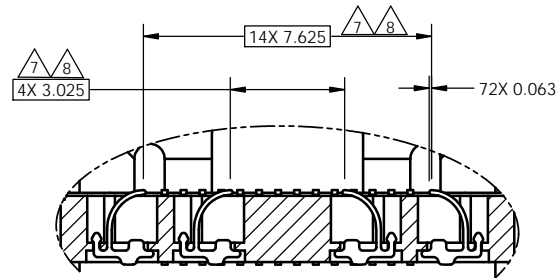
SECTION B-B



DETAIL D
SCALE 2:1



SECTION A-A



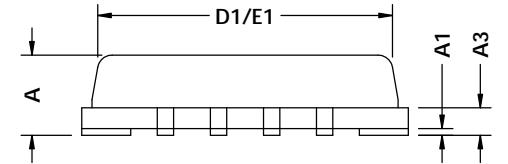
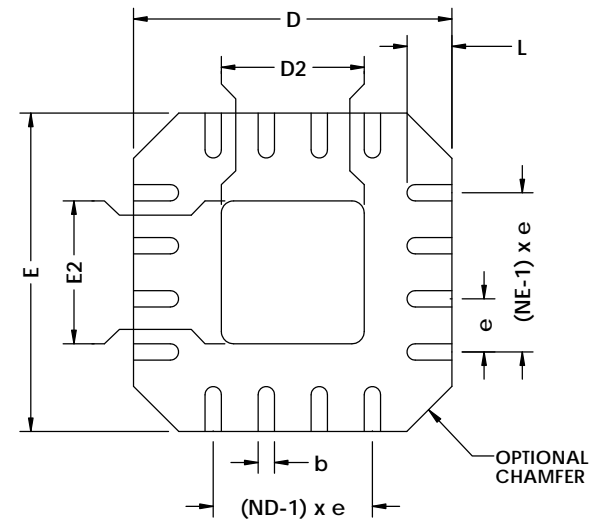
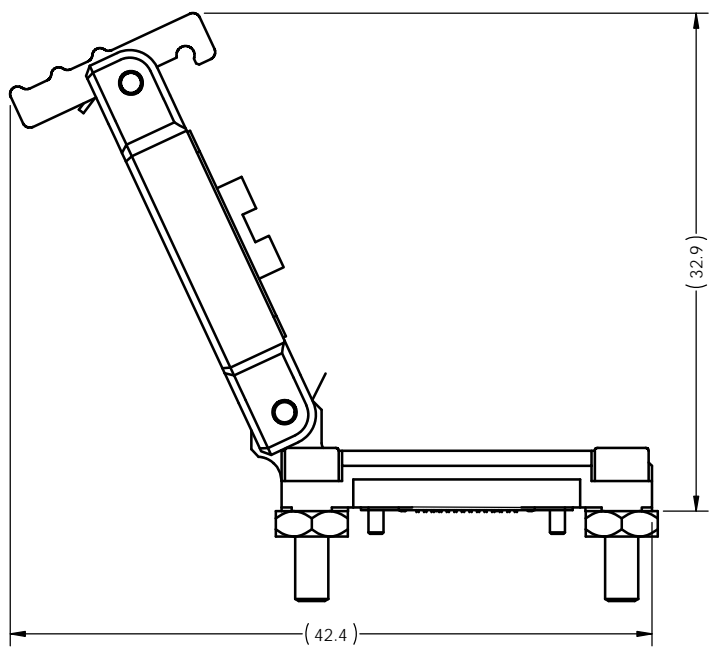
DETAIL C
SCALE 2:1

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<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	<h2>SOCKET, 56PQFN08-0.50, HINGED</h2>		
<small>LEGEND:</small> (X) NOTE CALLOUT (R) REVISION CHANGE (I) ITEM NUMBER	<small>REV</small> C	<small>DWG FORMAT</small> SOLIDWORKS	<small>DRAWING NO</small> 106458-0024
<small>SCALE</small> See Page 1	<small>REV</small> A	<small>SHEET</small> 3 of 4	

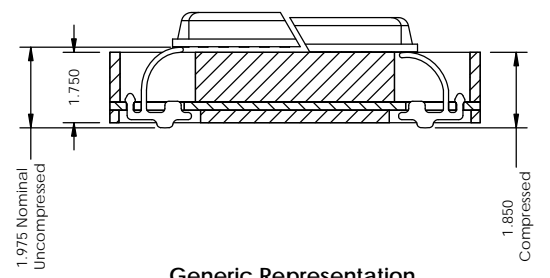
8 7 6 5 4 3 2 1

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	56	
Lead Count X/Y	ND/NE	14	14
Device Type		QFN (MLP, MLF)	
Package Size	D/E	8.0±0.1*	8.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	7.0 min	7.0 min
Ground Pad	D2/E2	4.7 min	4.7 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 0.060±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.



Generic Representation



Generic Representation

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DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	SOCKET, 56PQFN08-0.50, HINGED		
LEGEND: X NOTE CALLOUT R1 REVISION CHANGE X ITEM NUMBER	REV: C CAD FORMAT: SOLIDWORKS	DRAWING NO: 106458-0024	REV: A
SCALE: See Page 1		SHEET: 4 of 4	