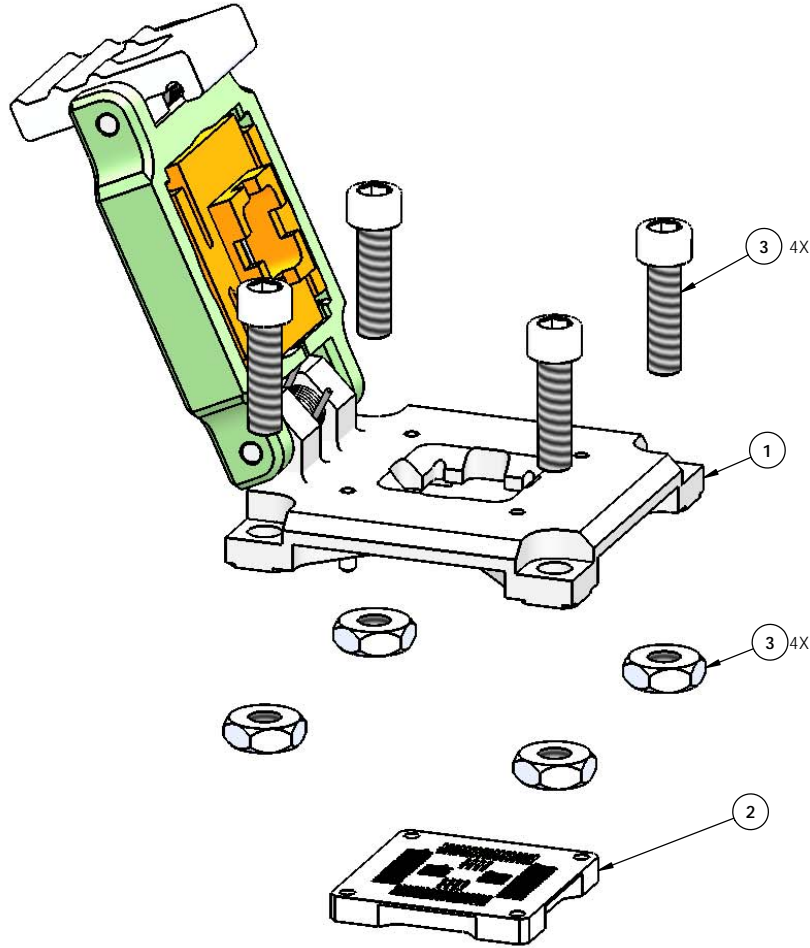


REV	ECO	BY	DESCRIPTION	APV	DATE
A	30209	KP	Initial Design	KW	03/26/10
B	31067	KDW	Updated title block and notes; Corrected parts list	KDW	04/24/12



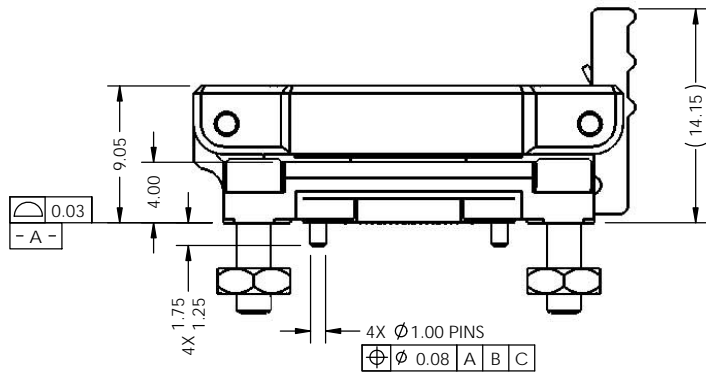
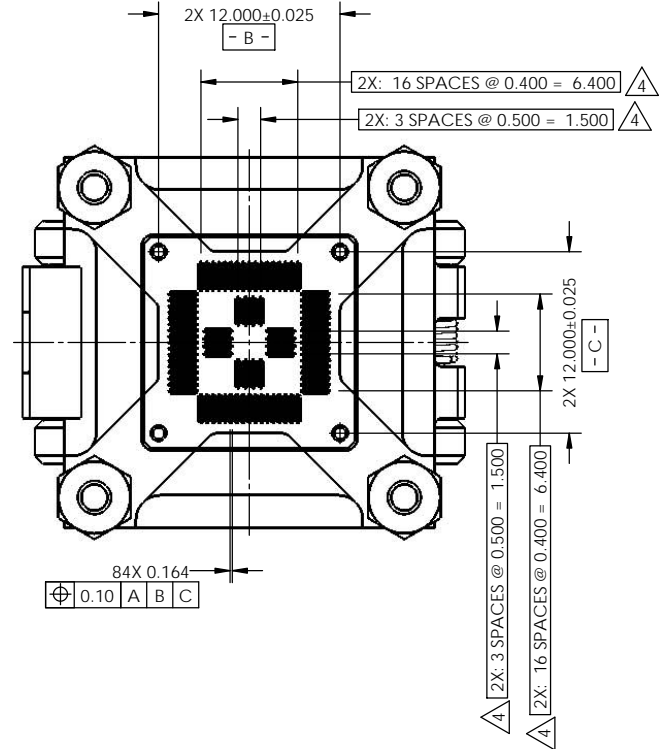
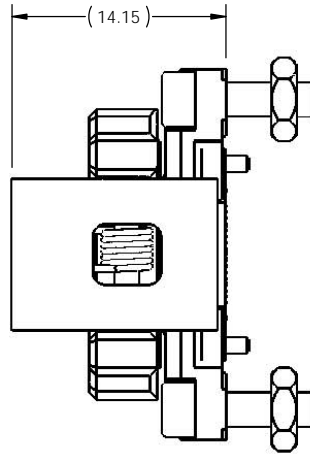
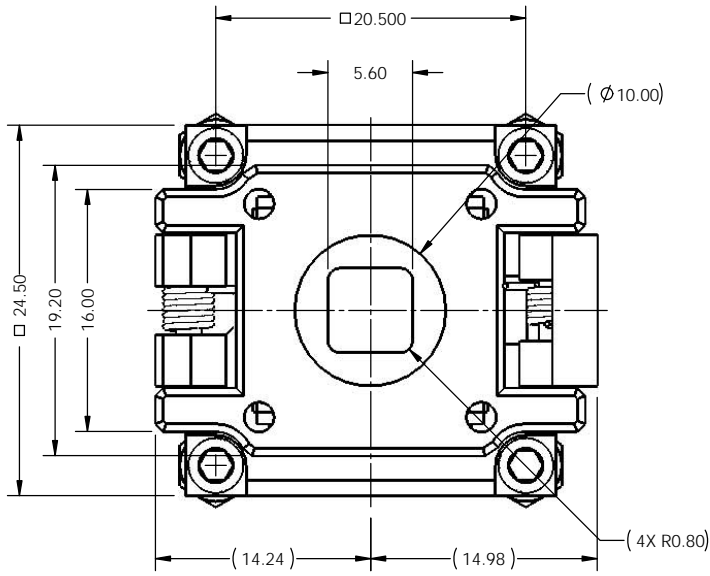
Notes:

- 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 100672-0010.
- Dimension locates center line of contact.
- Minimum force applied to device at test is 3360g.
- 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 10734700-0002 for engraving instructions.

Item No.	Qty.	Part Number	Description
0	-	106458-0041	SCKT, 68PQFN08-0.40, HINGED
1	1	101082-0076	ASSY, L/F, QFN08, 1.70
2	1	106460-0041	CS, 68PQFN08-0.40
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 - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED: ANGLES ±1° DECIMALS XX ±0.25 XXX ±0.10 XXXX ±0.50		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.	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DRAWING APPROVALS		SCKT, 68PQFN08-0.40, HINGED	
NAME	DATE		
K. Pitney	03/26/10		
APPROV	DATE		
K. Wilson	03/26/10		
THIRD ANGLE PROJECTION		CAD FORMAT	DRAWING NO.
		SOLIDWORKS	106458-0041
		SCALE	NATURAL
		SEE BOM	
LEGEND:		REV	B
NOTE CALLOUT		SHEET	1 of 1
REVISION CHANGE			
ITEM NUMBER			



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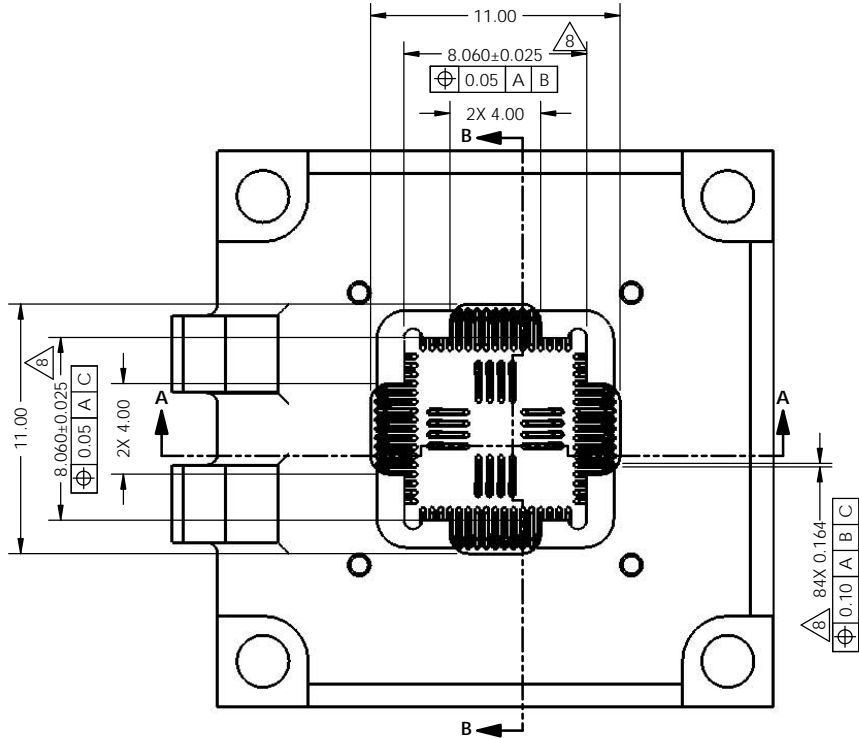
UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED:

DECIMALS	XX	± 0.25
ANGLES	X.X	± 0.10
$\pm 1^\circ$	X.XXX	± 0.050

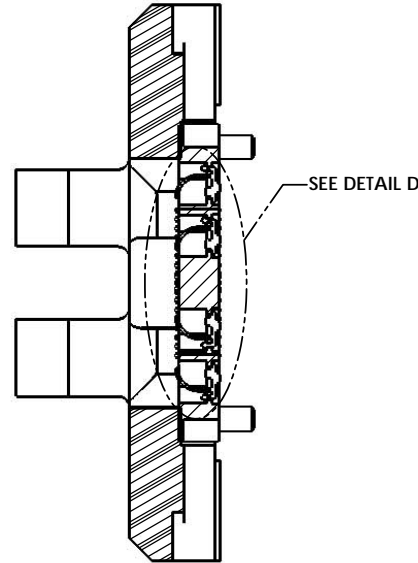
Interconnect Solutions 7115 NORTHLAND TERRACE SUITE 400
 BROOKLYN PARK, MN 55428
 (763) 509-0066

SCKT, 68PQFN08-0.40, HINGED

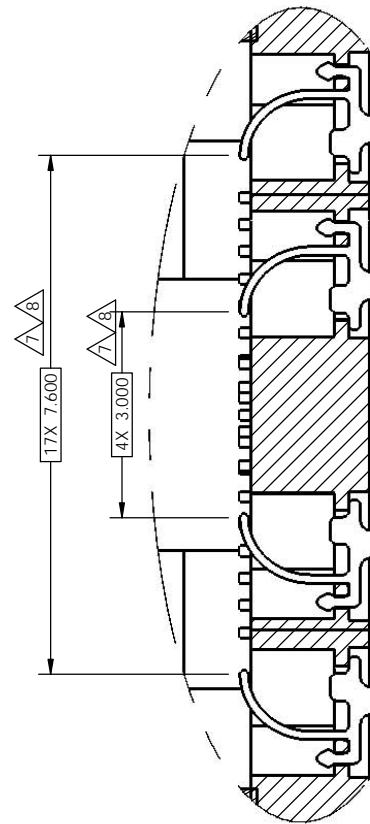
REV	DATE	DESCRIPTION	DRAWING NO.	REV
C		SOLIDWORKS	106458-0041	B
SCALE	MATERIAL	See Page 1		SHEET
				2 of 4



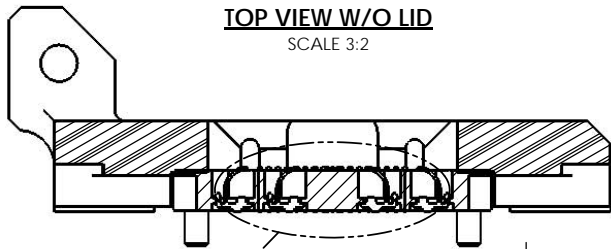
TOP VIEW W/O LID
SCALE 3:2



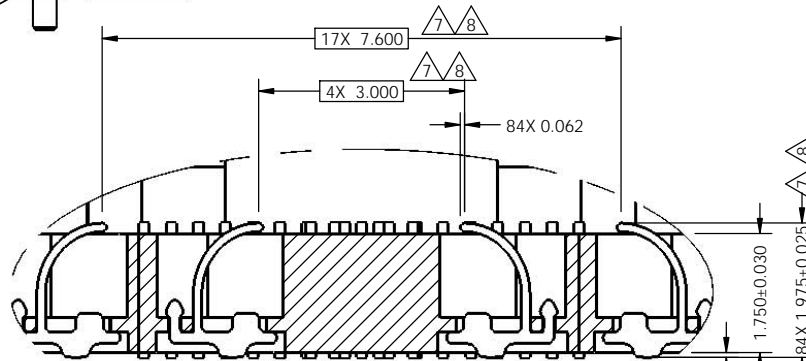
SECTION B-B



DETAIL D
SCALE 3:2



SECTION A-A

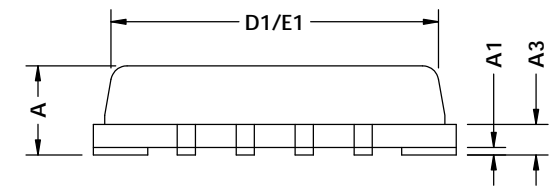
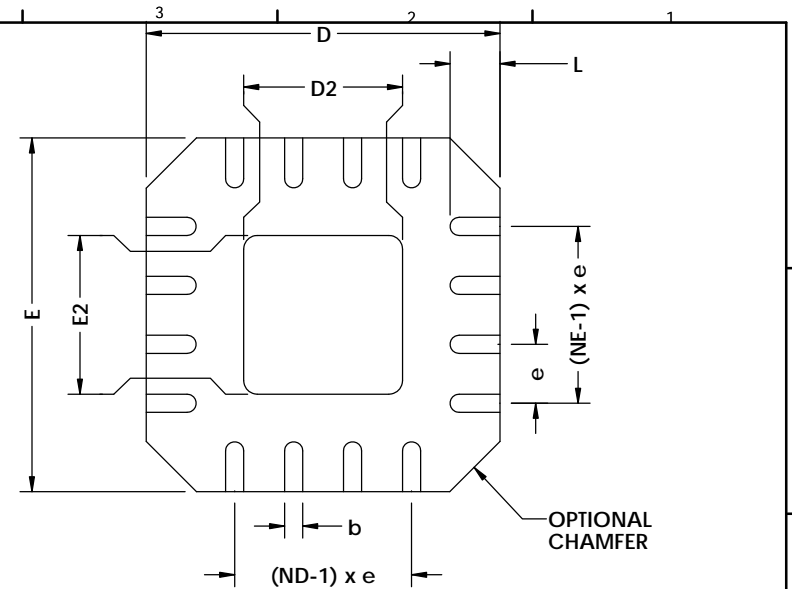


DETAIL C
SCALE 3:2

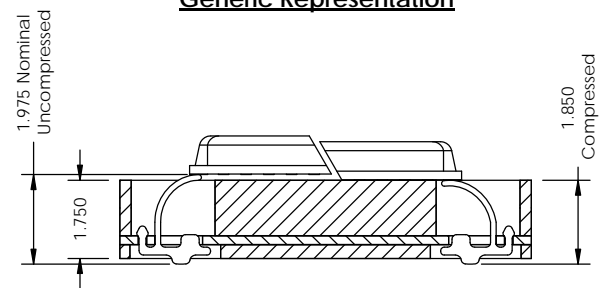
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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>		7115 NORTHLAND TERRACE, SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<small>DECIMALS X.X .0125 X.XX .010 X.XXX ±.050</small>	SCKT, 68PQFN08-0.40, HINGED		
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>SCALE</small> C	<small>DRAWING NO.</small> 106458-0041	<small>REV.</small> B
<small>MATERIAL</small> See Page 1		<small>SHEET</small> 3 of 4	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	68	
Lead Count X/Y	ND/NE	17	17
Device Type		QFN (MLP, MLF)	
Package Size	D/E	8.0±0.1*	8.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	7.0 min	7.0 min
Ground Pad	D2/E2	5.0 min	5.0 min
Package Height	A	0.70-1.05	
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	

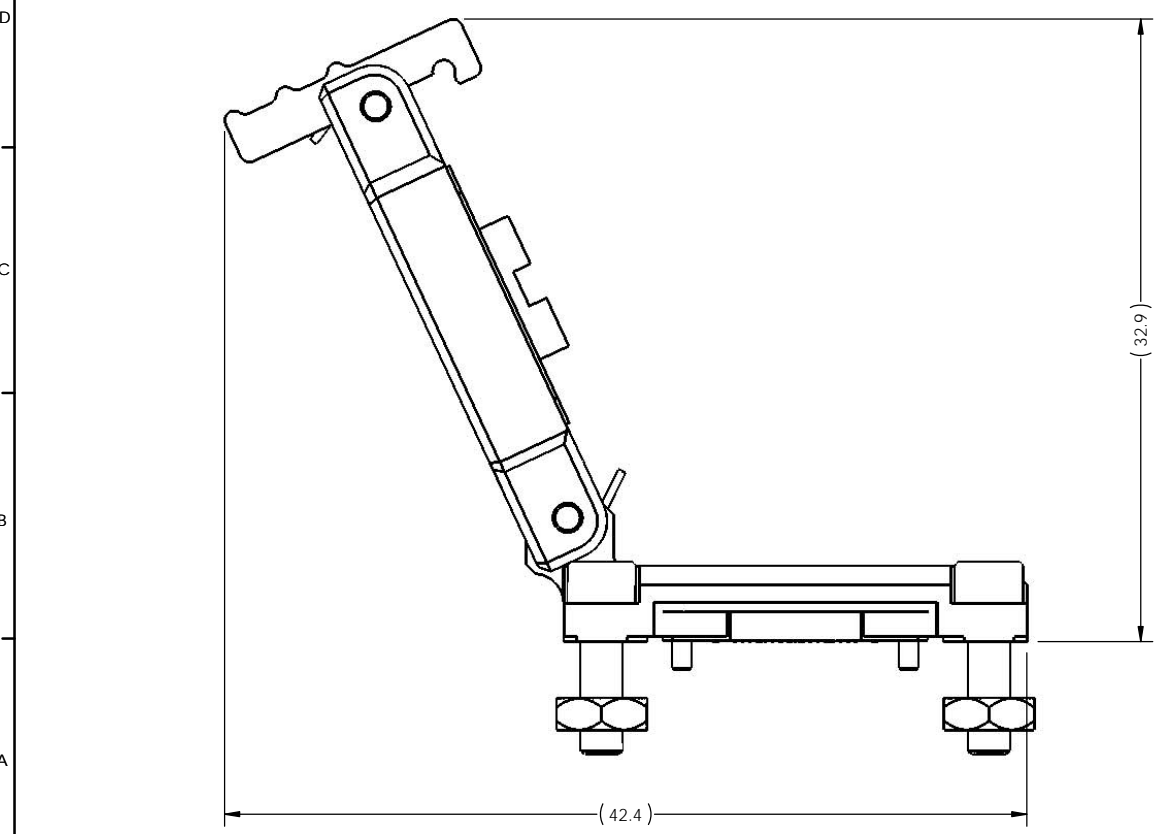
All Dimensions are in millimeters
 * Due to the potential small size of the device pads, the device opening is 0.100±0.025 larger than D and E. At maximum material conditions maximum device size, minimum connector opening) there will be an interference fit. Contact R&D Interconnect Solutions for more details.



Generic Representation



Generic Representation



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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING</small> <small>TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS</small> <small>ANGLES X.X .0125</small> <small>X.XX .0130</small> <small>X.XXX .050</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SKT, 68PQFN08-0.40, HINGED			
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>CAD FORMAT</small> SOLIDWORKS	<small>DRAWING NO.</small> 106458-0041	<small>REV.</small> B
<small>SCALE</small> See Page 1		<small>SHEET</small> 4 of 4	