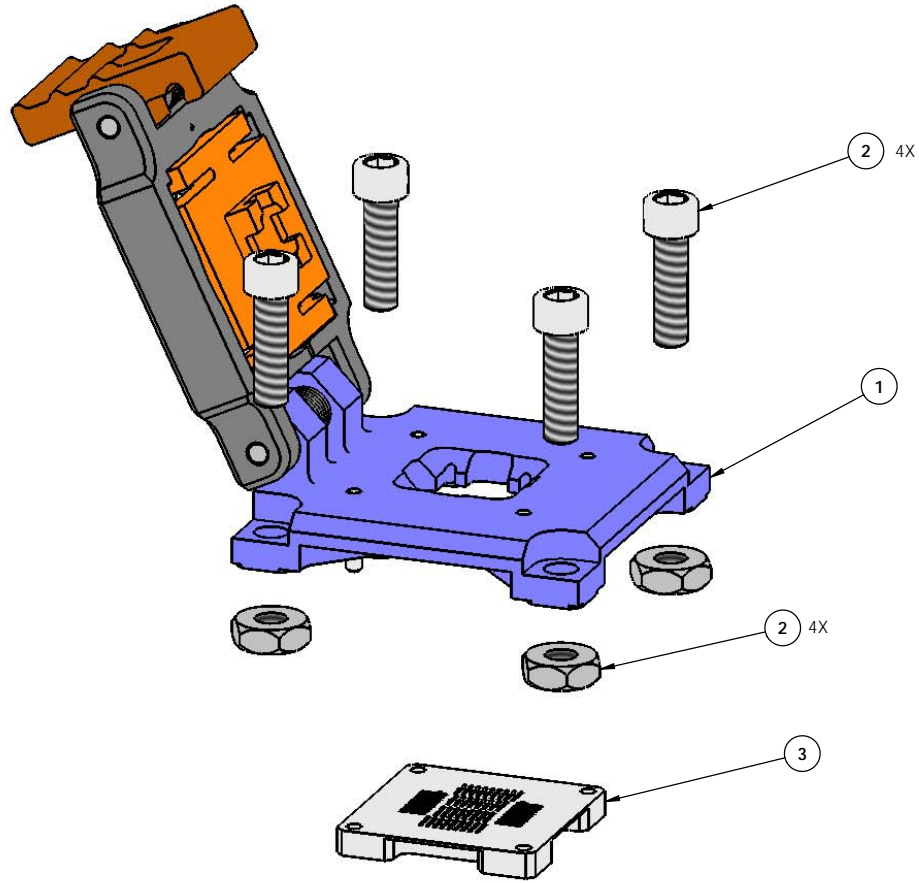


REV	ECO	BY	DESCRIPTION	APV	DATE
A	31037	KDW	Created Socket Assembly Drawing	KDW	03/01/12





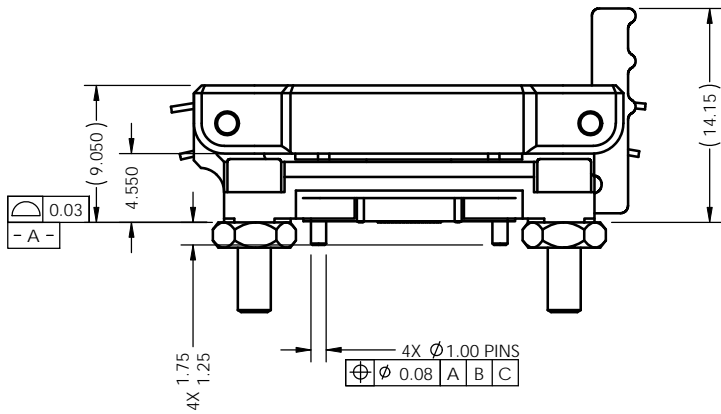
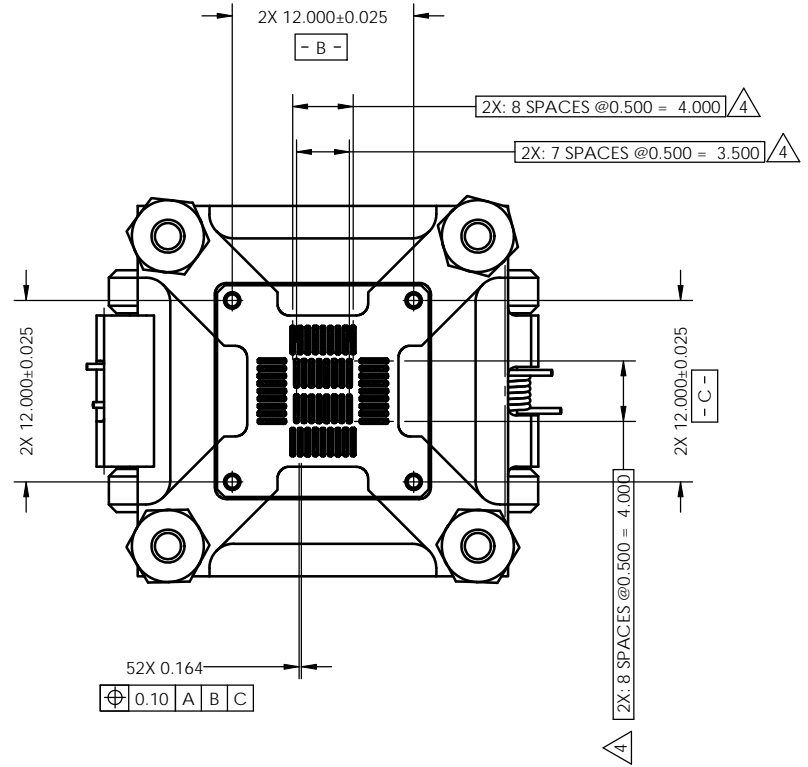
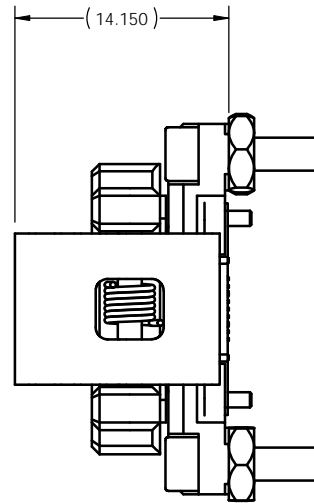
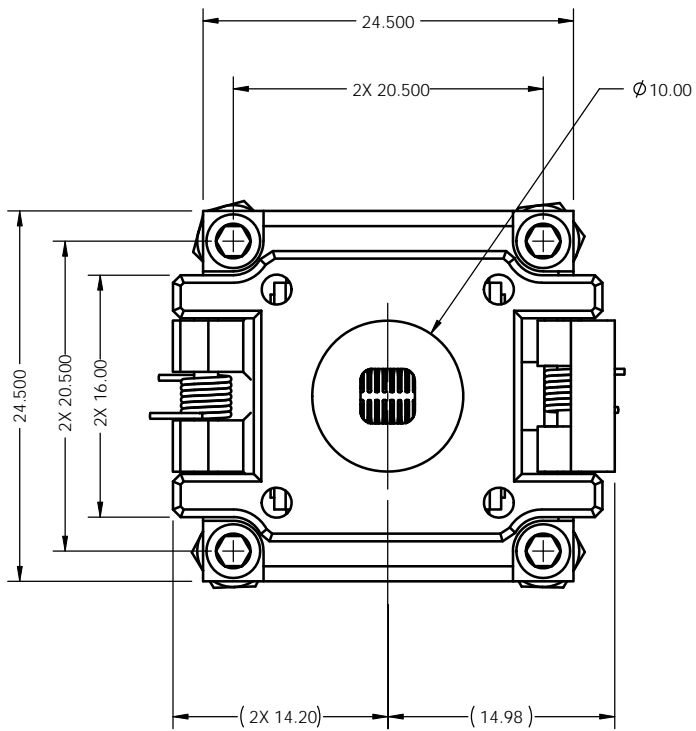
Notes:

1. Latch to move freely and return to closed position when released.
2. Tighten PCB mounting fasteners to 2-3 in.-lbs. (0.22-0.33 Nm).
3. Footprint part number is 100681-0001.
- ⚠ Dimension locates center line of contact.
5. Minimum force applied to device at test is 2430g.
6. Socket is RoHS compliant.
- ⚠ Contact tip position (tip is defined as the highest point of the contact).
- ⚠ In a mounted condition.
9. See Part Marking Standard 107340-0002 for engraving instructions.

Parts List				
Item No.	Qty.	Part Number	Description	
0	-	106458-0015	SCKT, 36PQFN06-0.50, HINGED	
1	1	101082-0005	ASSY, L/F, QFN06, 1.8	
2A	1	101133-0001	KIT, HDW, #2-56x5/16, SST	
2B*	1	101133-0002	KIT, HDW, M2.0X8.0, 4	
3	1	106460-0015	CS, 36PQFN06-0.50	

* Items not shown.

UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED: ANGLES DECIMALS ±1* X.X ±0.25 X.XX ±0.10 X.XXX ±0.050		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF R&D INTERCONNECT SOLUTIONS. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF R&D 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, 36PQFN06-0.50, HINGED			
NAME		DATE		REV	
DRAWN: K. Wilson		03/01/12		1	
APPROV: K. Wilson		03/01/12		2	
THIRD ANGLE PROJECTION		SCALE		MATERIAL	
		C		SOLIDWORKS	
DRAWING NO.		REV		SHEET	
106458-0015		A		1 of 4	
SEE BOM					



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- DIMS APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
ANGLES X.X ±0.25
X.XX ±0.10
X.XXX ±0.050

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

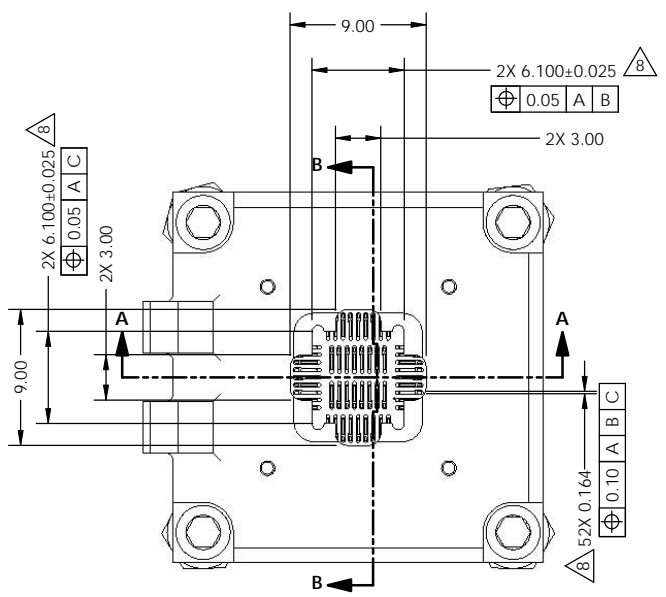
SCKT, 36PQFN06-0.50, HINGED

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

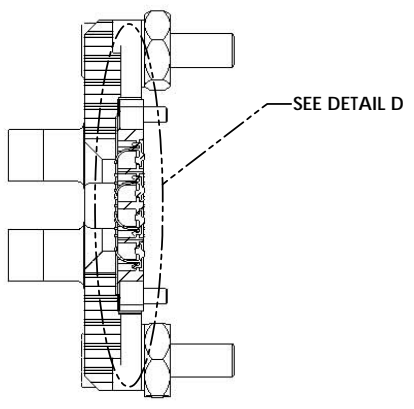
REV	DATE	BY	APP
C			

SCALE: SOLIDWORKS DRAWING NO: 106458-0015 SHEET: A

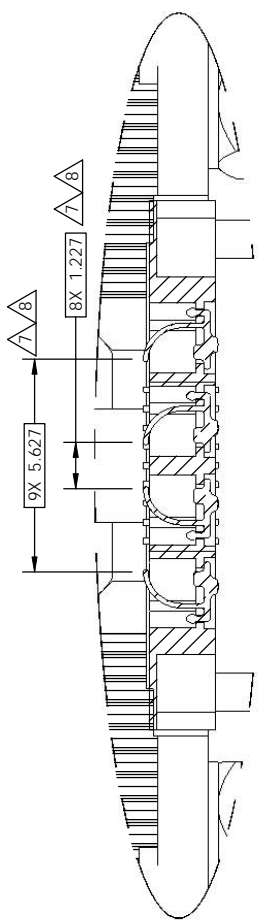
See Page 1 2 of 4



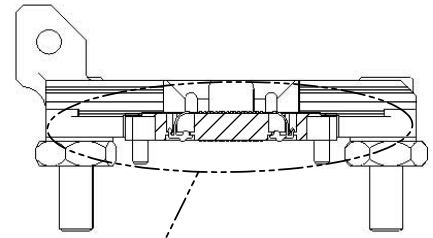
TOP VIEW W/O LID
SCALE 3:2



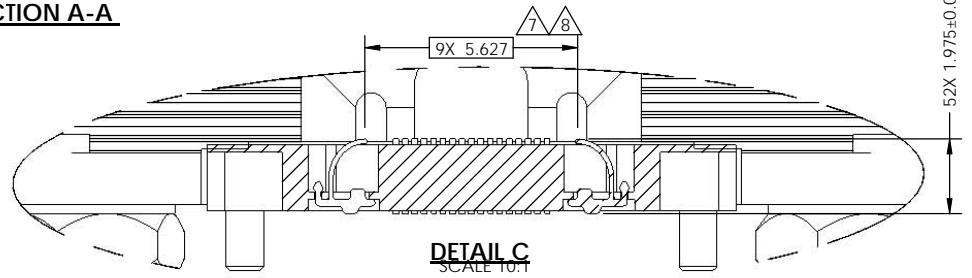
SECTION B-B



DETAIL D
SCALE 10:1



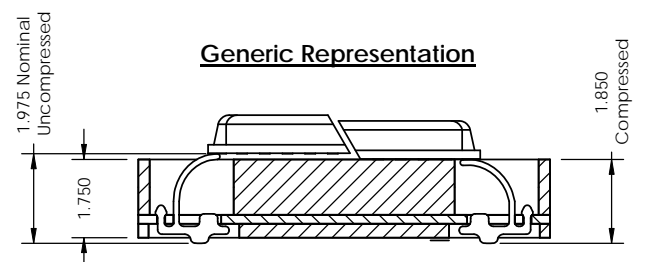
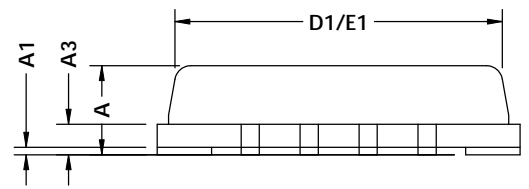
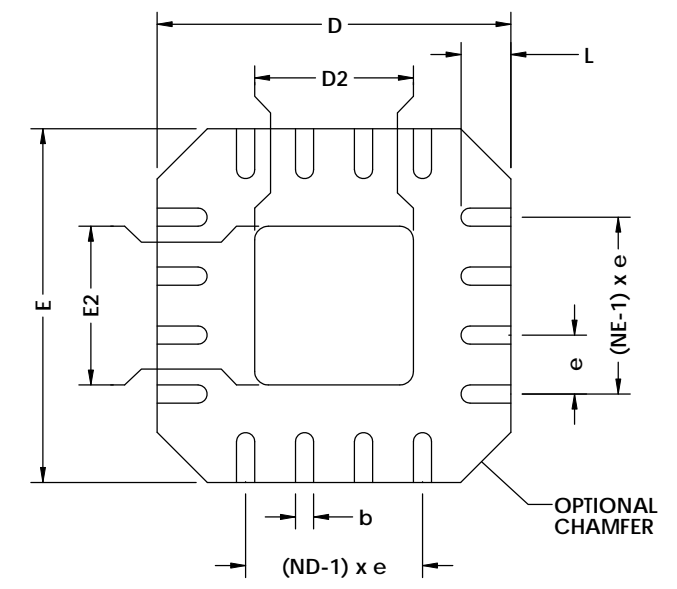
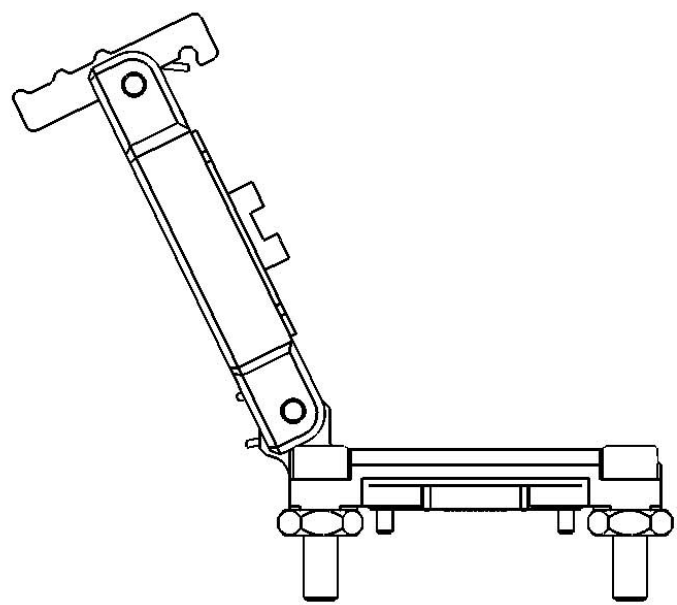
SECTION A-A



DETAIL C
SCALE 10:1

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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES ±1°</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SCKT, 36PQFN06-0.50, HINGED			
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER	<small>DATE</small> C	<small>DRAWING NO.</small> 106458-0015	<small>REV.</small> A
<small>SCALE</small> See Page 1		<small>SHEET</small> 3 of 4	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	36	
Lead Count X/Y	ND/NE	9	19
Device Type		QFN (MLP, MLF)	
Package Size	D/E	6.0±0.1*	6.0±0.1*
Pitch	e	0.500	
Encapsulant Size	D1/E1	5.0 min	5.0 min
Ground Pad	D2/E2	4.0 min	4.0 min
Package Height	A	0.75-1.00	
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 R&D Interconnect Solutions for more details.			



Generic Representation

Generic Representation

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TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES XX ±0.25 ±1° XXX ±0.10 XXXX ±0.050	SCKT, 36PQFN06-0.50, HINGED	
REV: C	CAD FORMAT: SOLIDWORKS	DRAWING NO: 106458-0015
SCALE:	MATERIAL:	REV: A
See Page 1		SHEET 4 of 4