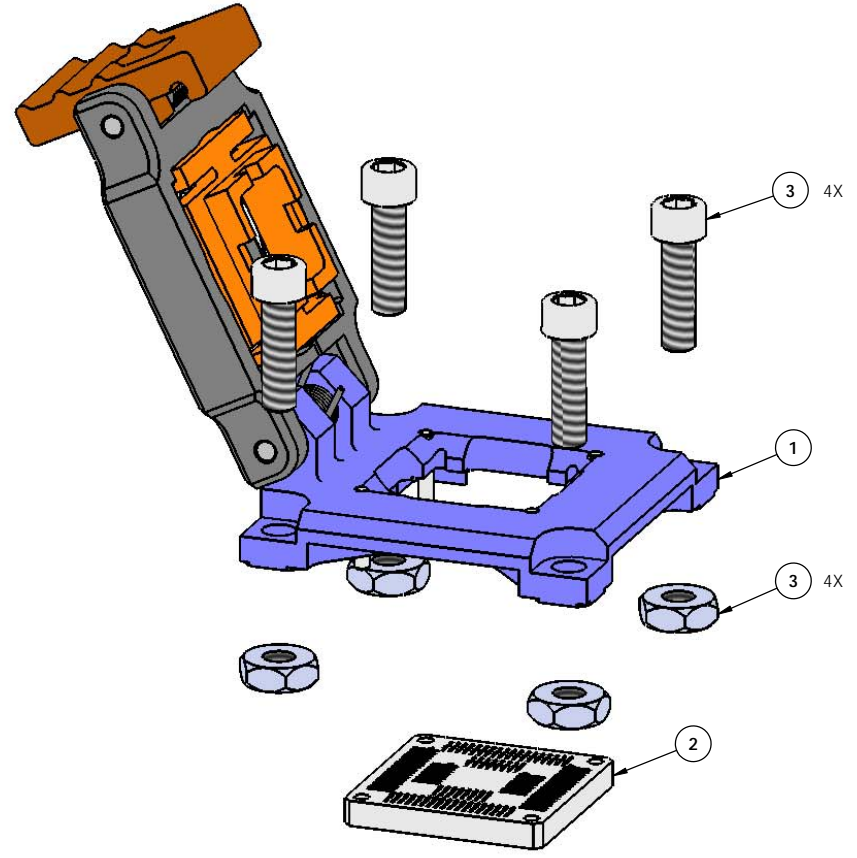


REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	06/17/08
B	30176	AS	Updated to new format	KW	03/09/10
C	30940	KDW	Updated notes and title block	KDW	11/07/11

Notes:

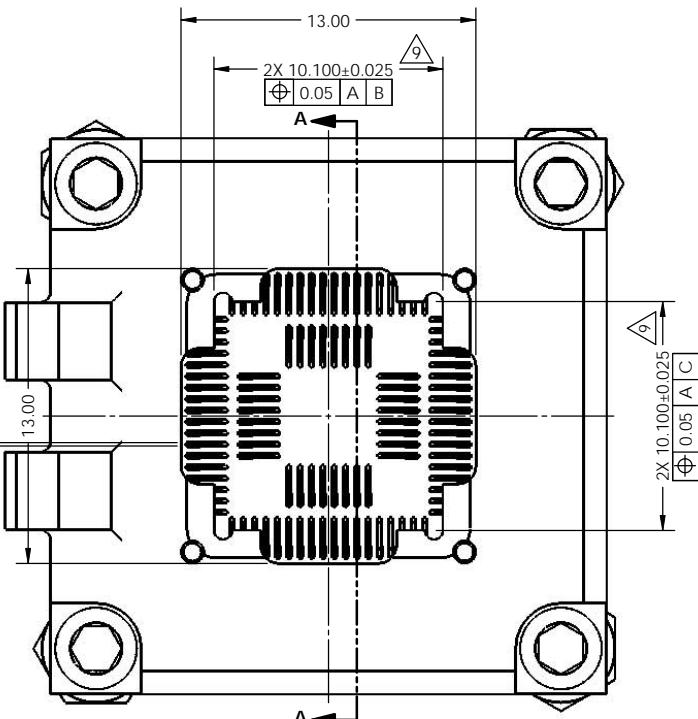
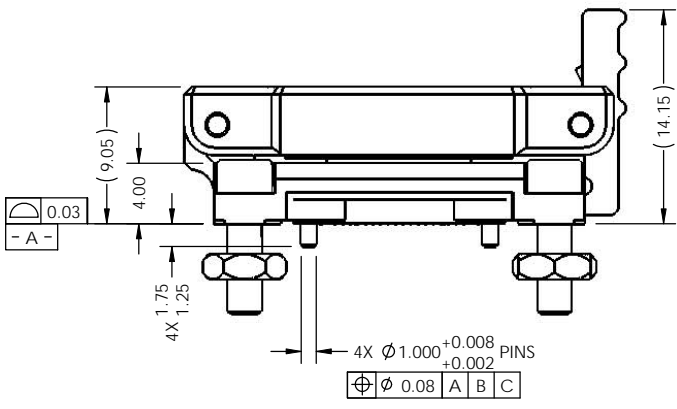
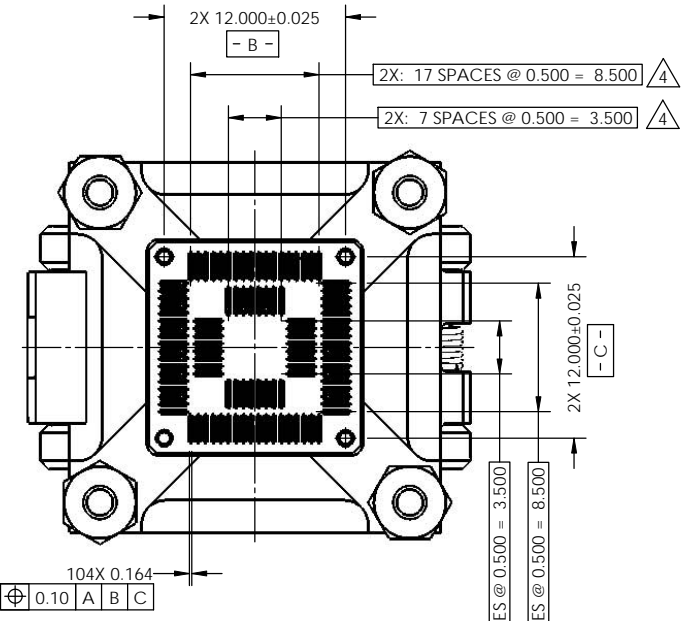
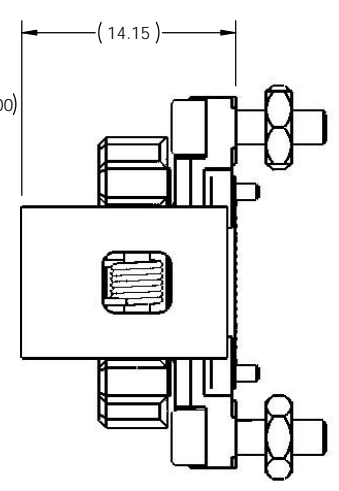
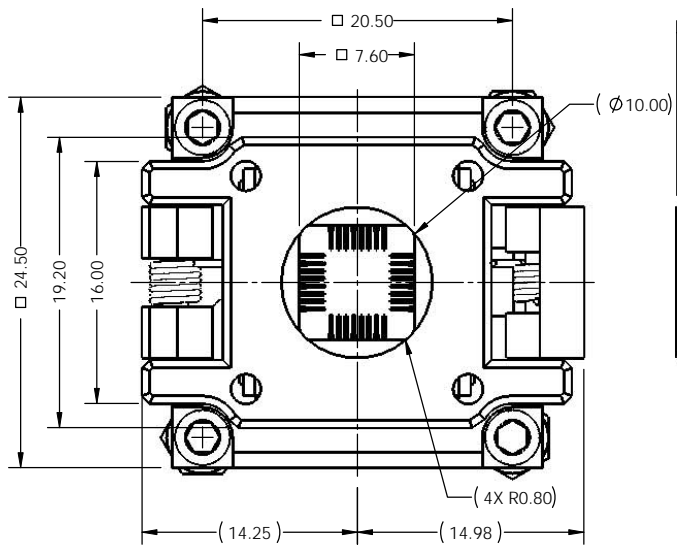
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (-0.22-0.33 Nm).
- Footprint Part Number is 100698-0001.
- \triangle Dimension locates center line of contact.
- Contactor is RoHS compliant.
- Minimum force applied to device at test is 4680g.
- \triangle Contactor hard stop dimension.
- \triangle Contact tip position (tip is defined as highest point of the contact).
- \triangle In a mounted condition.
- See Part Marking Standard 107340-0002 for engraving instructions.



Parts List				
Item No.	Qty.	Part Number	Description	
0	-	106458-0032	SCKT, 72PQFN10-0.50, HINGED	
1	1	101082-0001	ASSY, L/F, QFN10, 1.80	
2	1	106460-0032	CS, 72PQFN10-0.50, CUSTOM	
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.

<small>UNLESS OTHERWISE SPECIFIED: - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	<small>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.</small>		<small>CAD GENERATED DRAWING DO NOT MANUALLY UPDATE</small>			7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
	DRAWING APPROVALS			DRAWING NO: 106458-0032		REV: C	
LEGEND: \triangle NOTE CALLOUT \triangle REVISION CHANGE \times ITEM NUMBER		DRAWN: A. Selberlich DATE: 03/09/10	APPROV: K. Wilson DATE: 03/09/10	THIRD ANGLE PROJECTION	SCALE: SEE BOM	SHEET: 1 of 4	



TOP VIEW W/O LID
SCALE 3:2

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- DIMS APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED:

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

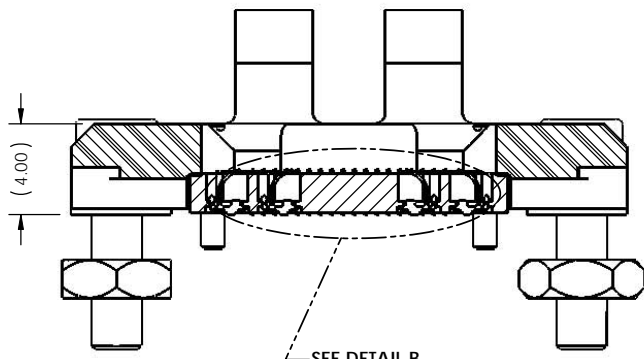
LEGEND:
 (A) NOTE CALLOUT
 (R) REVISION CHANGE
 (X) ITEM NUMBER

DATE	DRAWN BY	CHECKED BY	DESIGNED BY	REV
C	SOLIDWORKS		106458-0032	C

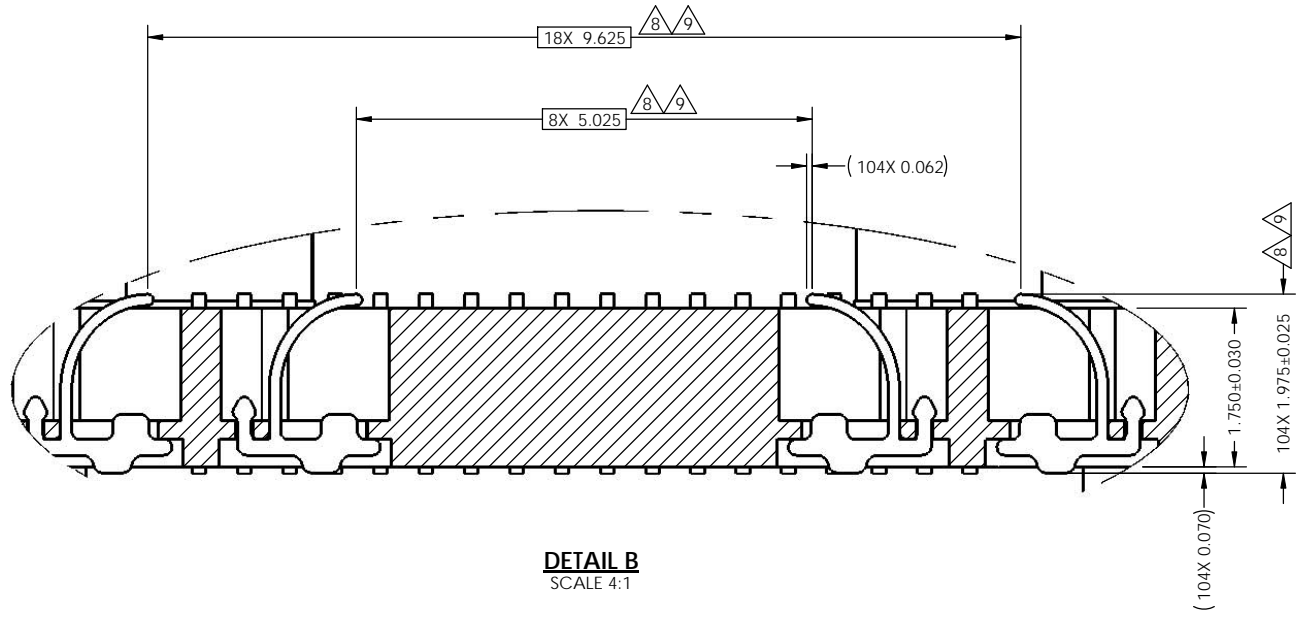
SCALE: MATERIAL: SEE PAGE 1 SHEET: 2 of 4

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BROOKLYN PARK, MN 55428
(763) 509-0066

SCKT, 72PQFN10-0.50, HINGED



SEE DETAIL B
SECTION A-A
 (ROTATED 90° CW)



DETAIL B
 SCALE 4:1

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 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED:

ANGLES	DECIMALS
±1°	X.X .0125
	X.XX .0110
	X.XXX ±.050

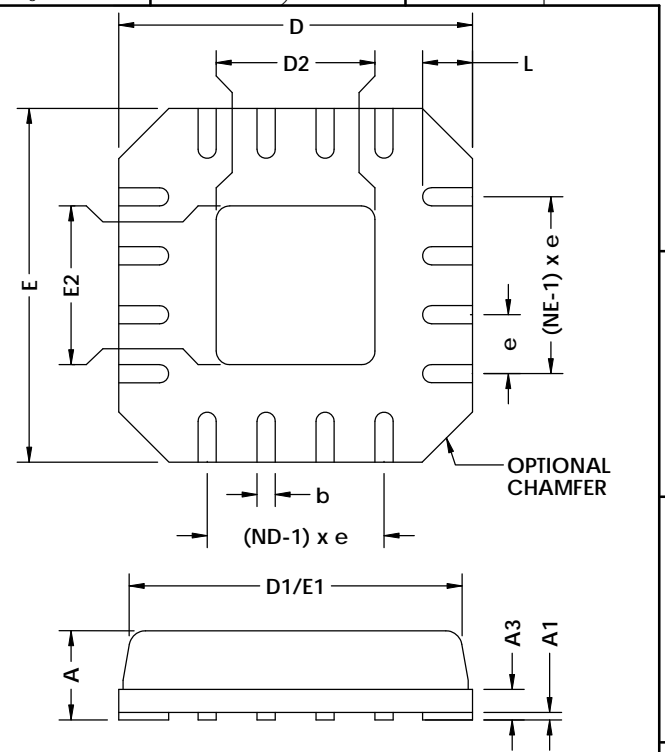
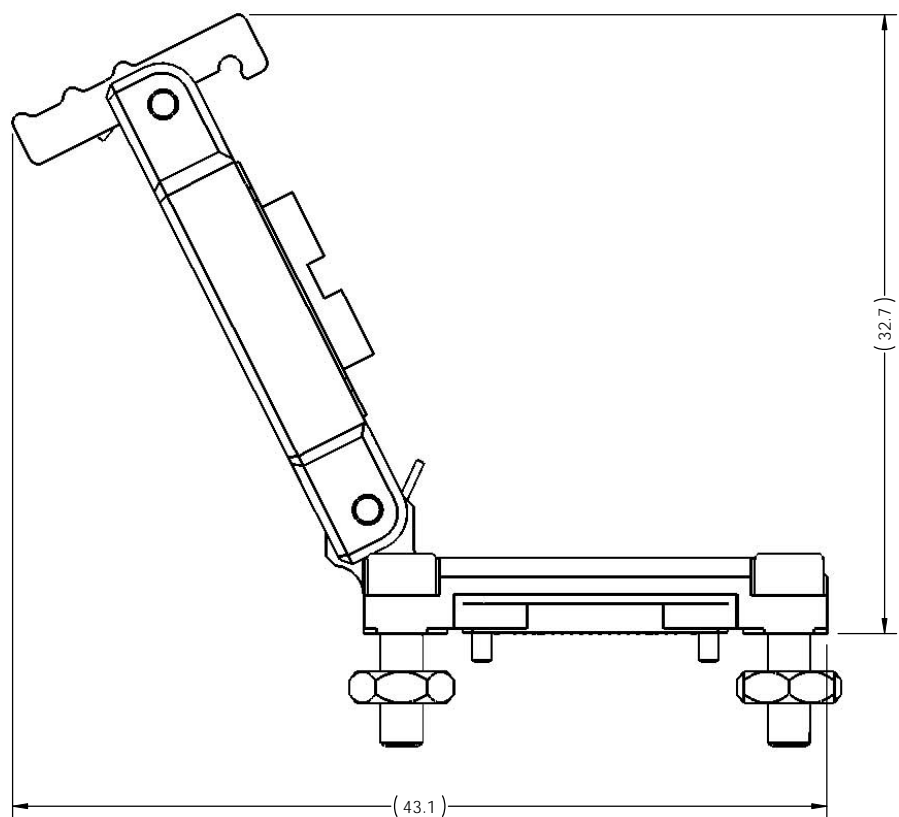
LEGEND:

- NOTE CALLOUT
- REVISION CHANGE
- ITEM NUMBER

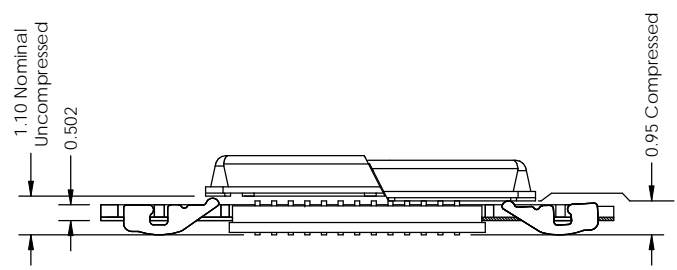
		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
TITLE: SCKT, 72PQFN10-0.50, HINGED			
REV: C	CAD FORUM	DRAWING NO: 106458-0032	REV: C
SCALE:	MATERIAL:	See Page 1	
			SHEET 3 of 4

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	72	
Lead Count X/Y	ND/NE	18	18
Device Type		QFN (MLP, MLF)	
Package Size	D/E	10.0±0.1*	10.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	9.0 min	9.0 min
Ground Pad	D2/E2	6.2 min	6.2 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 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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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMES APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:	DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050	 7115 NORTHLAND TERRACE, SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
SCKT, 72PQFN10-0.50, HINGED			
LEGEND:	NOTE CALLOUT	REV	
①	REVISION CHANGE	C	
②	ITEM NUMBER	SCALE	
		DRAWING NO.	106458-0032
		MATERIAL	See Page 1
		REV	C
		SHEET	4 of 4