


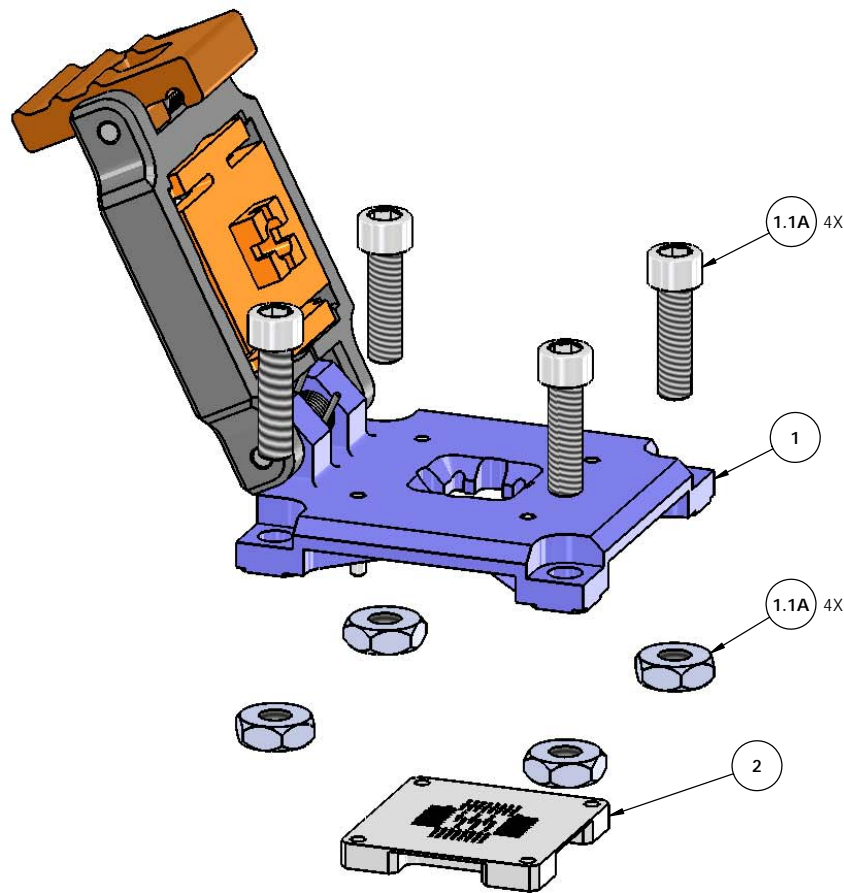


REV	ECO	BY	DESCRIPTION	APV	DATE
A		SK	Initial Design	MP	03/19/08
B	30328	AS	Updated drawing to new format and updates title block	KW	05/11/10
C	31193	WB	Updated to current standard	KW	09/06/12






Notes:

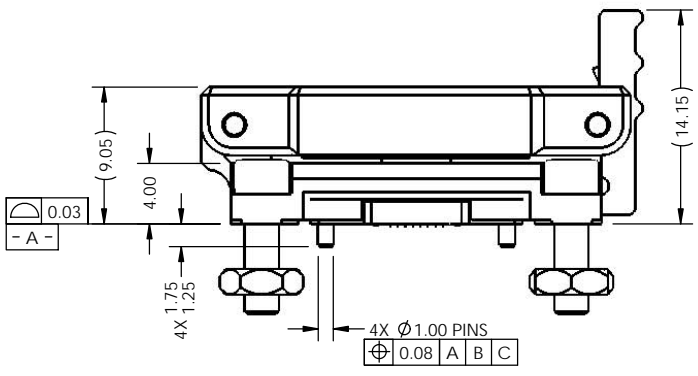
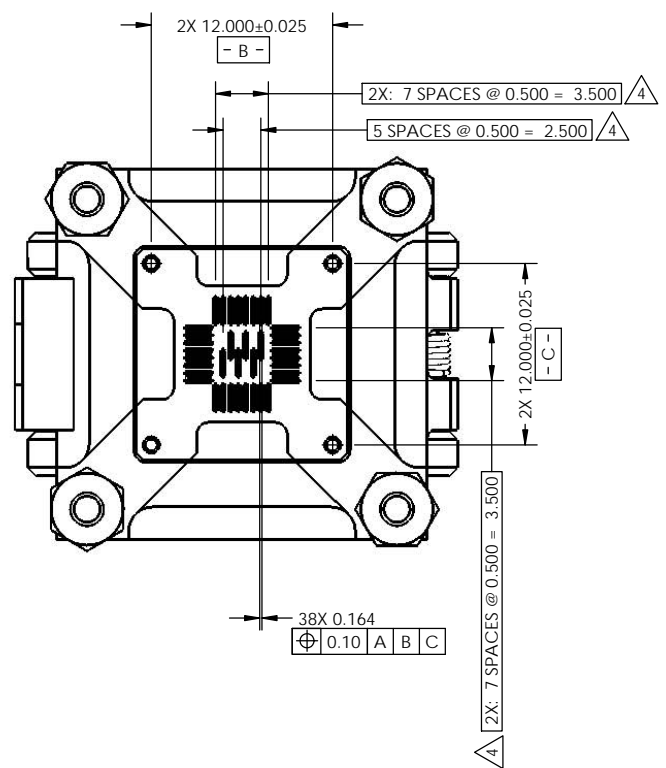
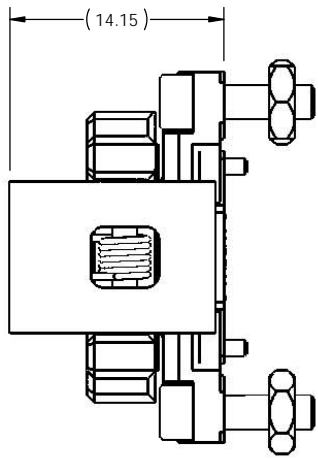
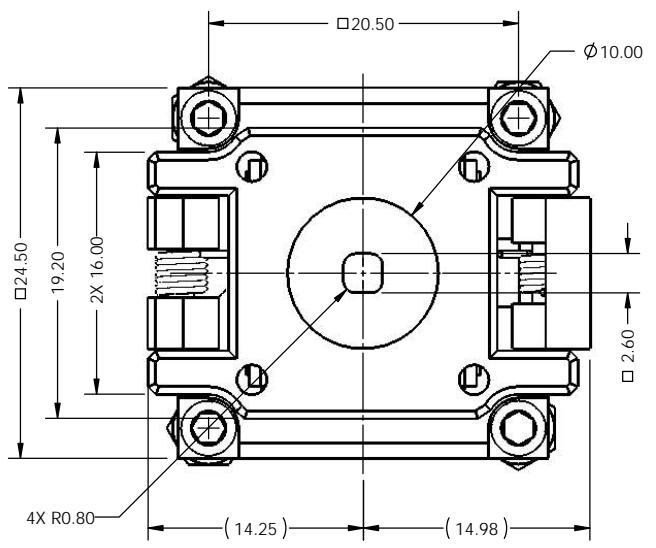
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (0.22-0.33 Nm).
- Footprint part number is 100678-0001.
-  Dimension locates center line of contact.
- Minimum force applied to device at test is 1520g.
- Socket is RoHS compliant.
-  Contact tip position (tip is defined as the highest point of the contact).
-  In a mounted condition.



Parts List			
Item No.	Qty.	Part Number	Description
0	-	106458-0012	SCKT, 32PQFN05-0.50, HINGED
1	1	101082-0006	ASSY, L/F, QFN05, 1.8
1.1A	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
1.1B*	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4
2	1	106460-0012	CS, 32PQFN05-0.50

* Items not shown.

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS DIM5 APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES DECIMALS ±1° XX ±0.25 XXX ±0.10 XXXX ±0.050		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		CONN, 32PQFN05-0.50, HINGED	
DESIGN: S. Klanderud	DATE: 03/19/08	CONFORMANT SOLIDWORKS 106458-0012	
APPROV: M. Peery	DATE: 03/19/08		
LEGEND:  NOTE CALLOUT  REVISION CHANGE  ITEM NUMBER		THIRD ANGLE PROJECTION 	SCALE: C SEE BOM
		SHEET: 1 of 4	DATE: 03/19/08



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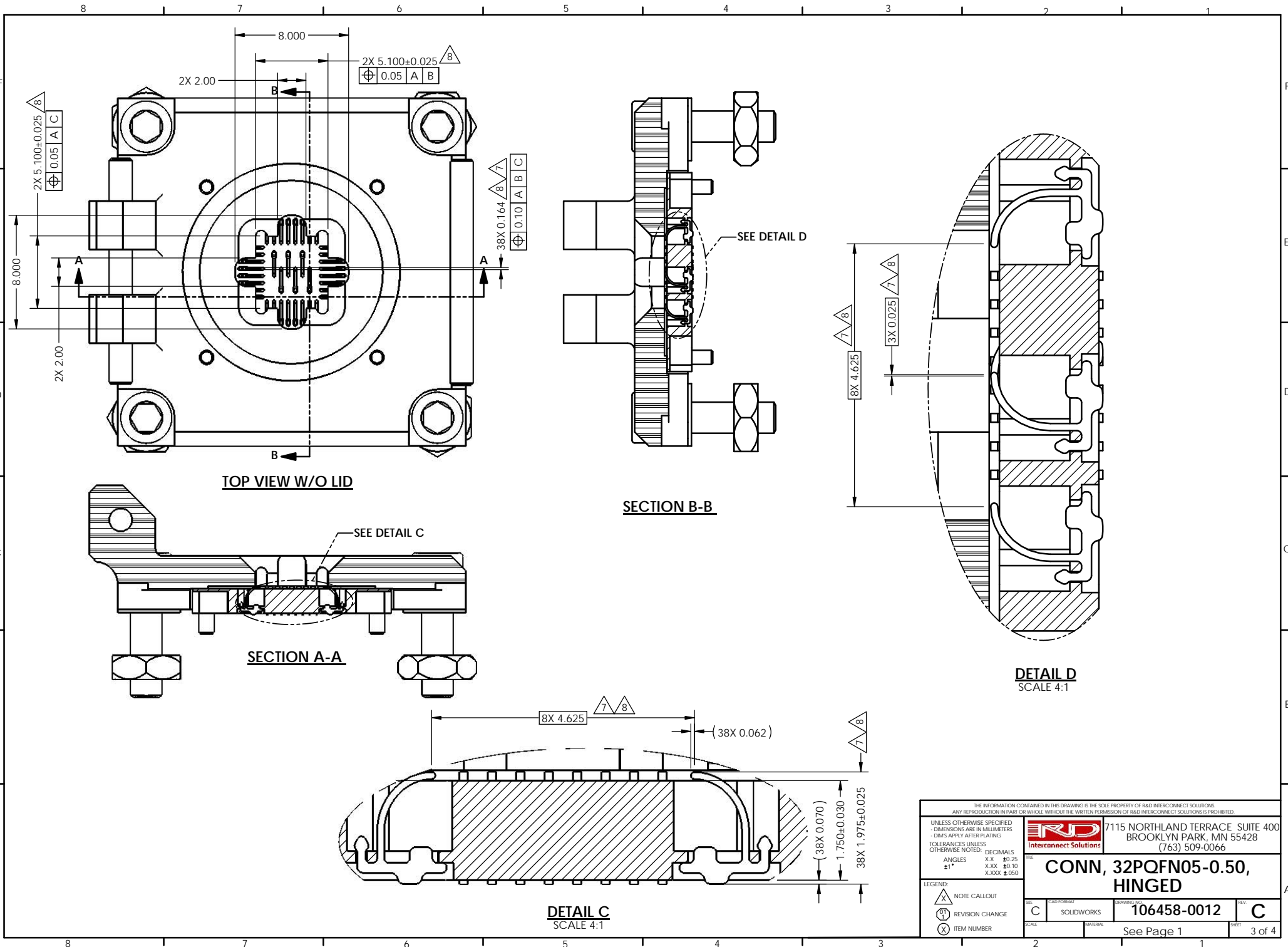
UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
 ANGLES X.X ±0.25
 *1° X.XX ±0.10
 X.XXX ±0.050

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

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

CONN, 32POFN05-0.50, HINGED

SCALE: SOLIDWORKS
 MATERIAL: 106458-0012
 SHEET: C
 See Page 1 2 of 4



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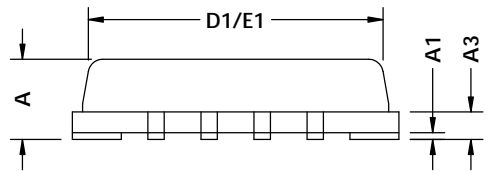
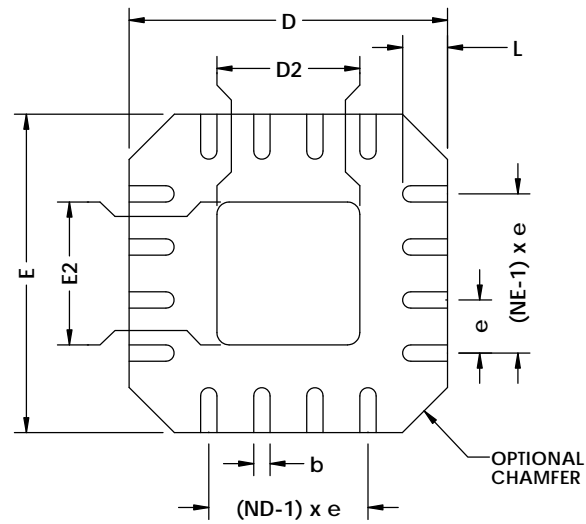
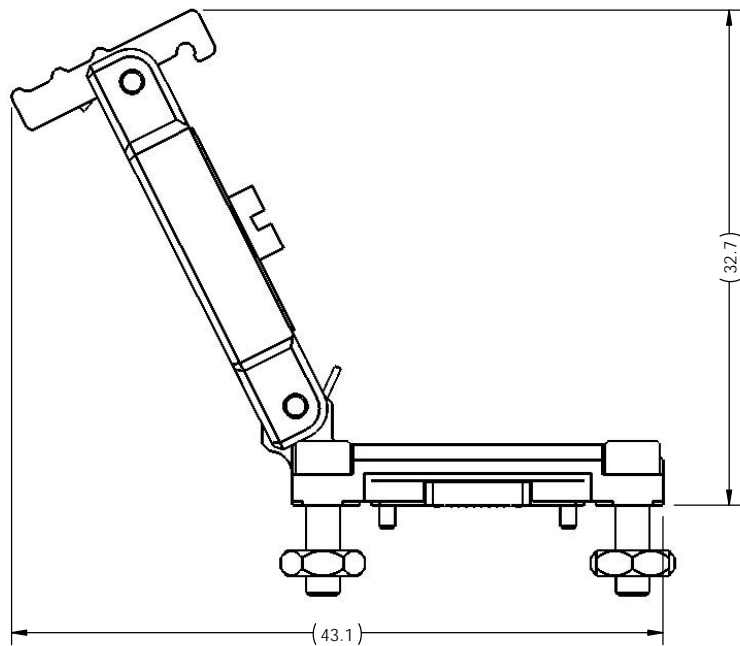
UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING - TOLERANCES UNLESS OTHERWISE NOTED:

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

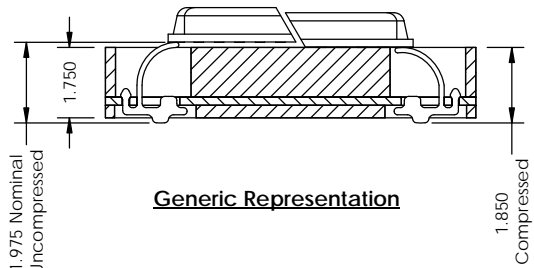
COMPANY	R&D Interconnect Solutions		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
DESCRIPTION	CONN, 32POFN05-0.50, HINGED			
DRAWING NO.	106458-0012	REV.	C	
SCALE	See Page 1	SHEET	3 of 4	

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	32	
Lead Count X/Y	ND/NE	8	8
Device Type		QFN (MLP, MLF)	
Package Size	D/E	5.0±0.1*	5.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	4.0 min	4.0 min
Ground Pad	D2/E2	1.5 min	1.5 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 Gryphics 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:</small>		7115 NORTHLAND TERRACE, SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	CONN, 32PQFN05-0.50, HINGED		
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER	C C C	CAD FORMAT SOLIDWORKS 106458-0012	REV C See Page 1 4 of 4