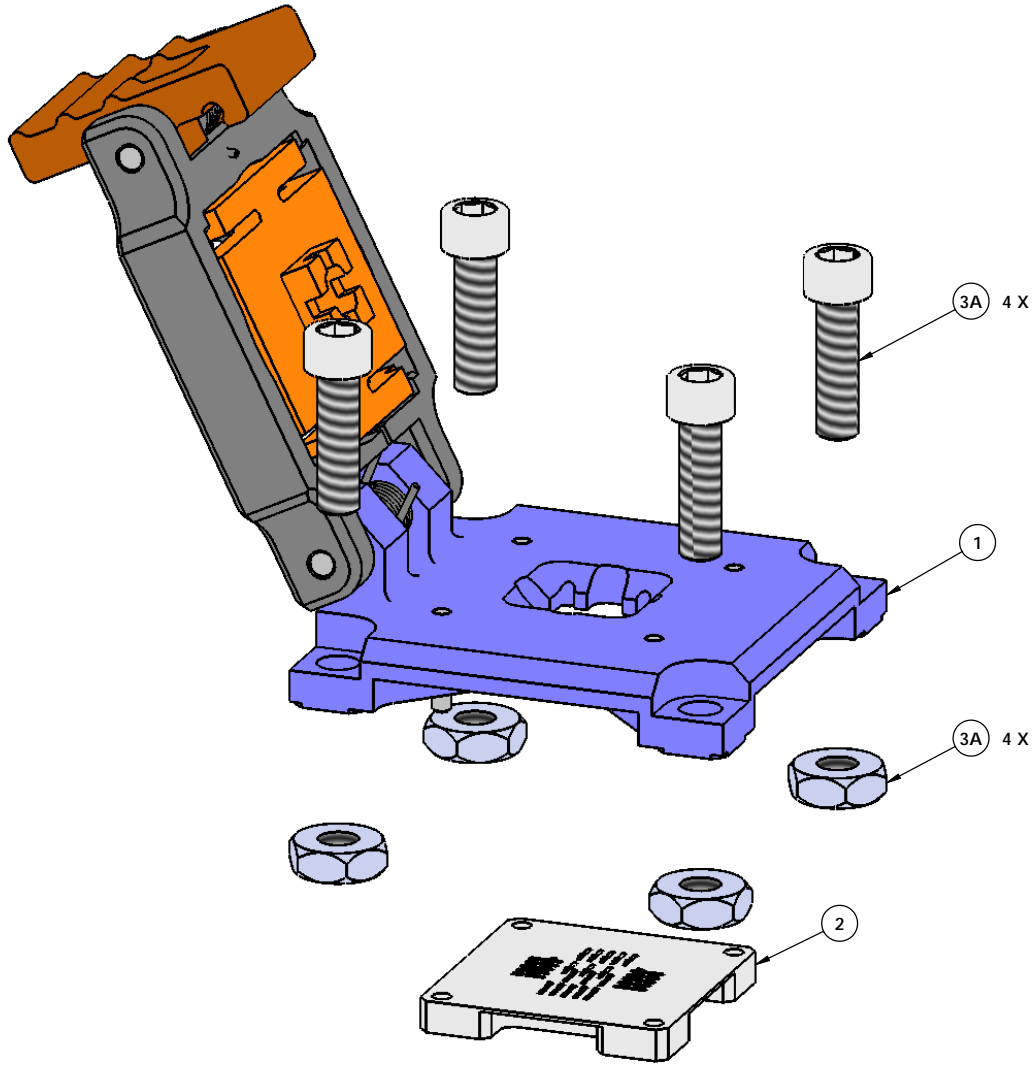


REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	07/16/08
B	30732	AS	Updated to panelized design	KW	03/14/11








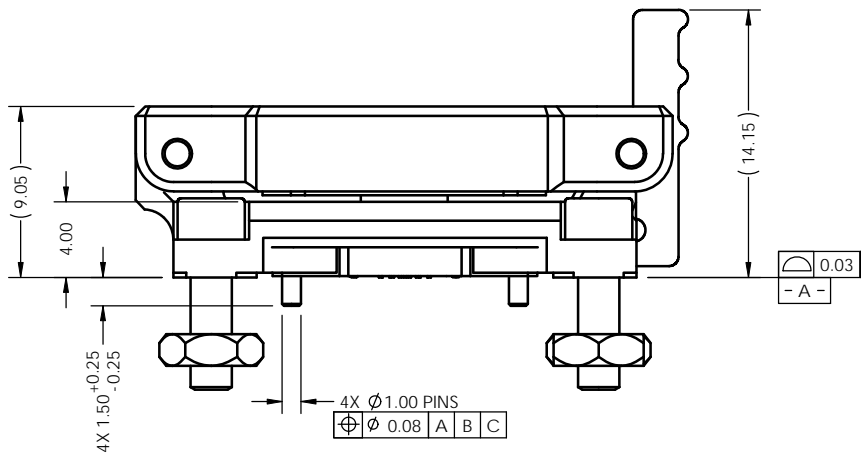
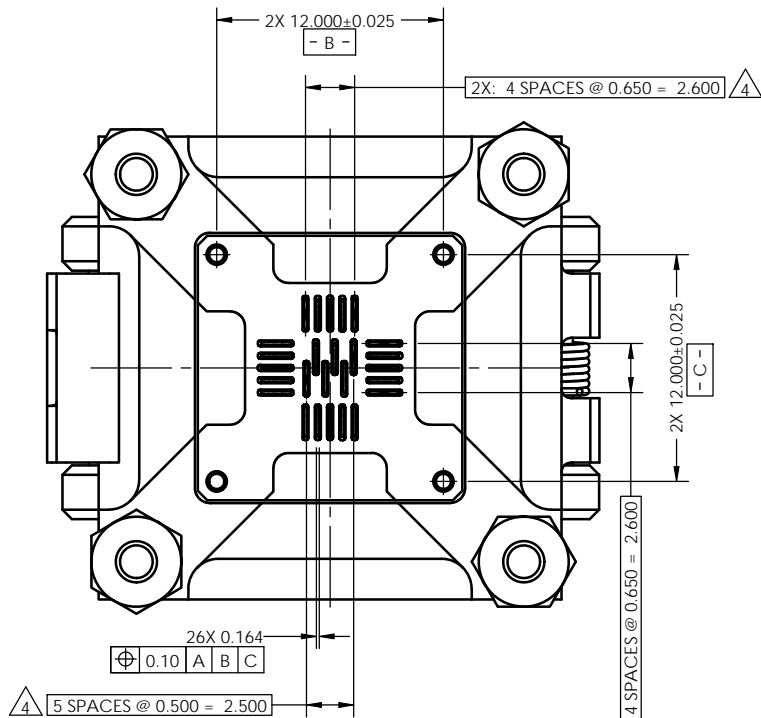
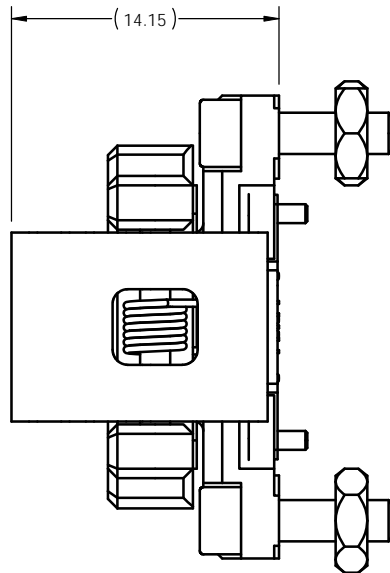
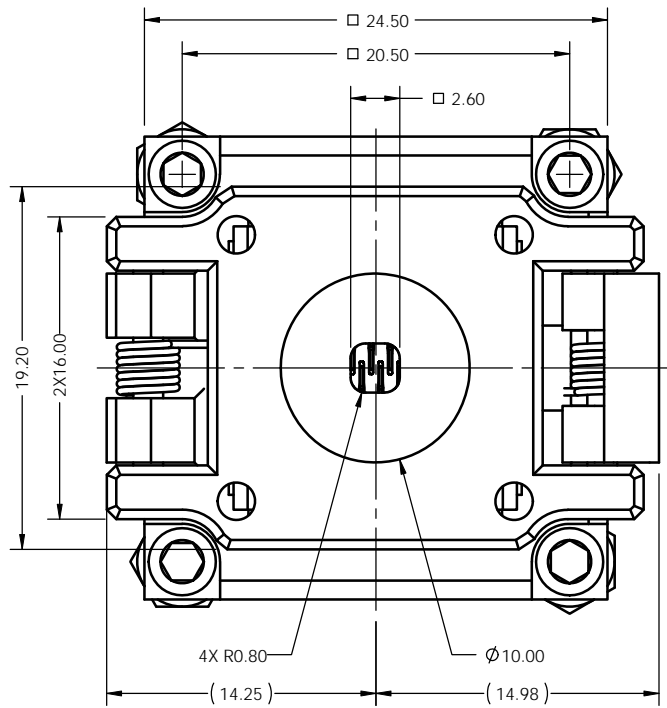
Notes:

1. Latches 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 100676-0001.
4. Dimension locates center line of contact.
5. Minimum force applied to device at test is 1040g.
6. Socket is RoHS compliant.
7. Contact tip position (tip is defined as the highest point of the contact).
8. In a mounted condition.
9. See Part Marking Standard 107340-0002 for engraving instructions.

Parts List				
Item No.	Qty.	Part Number	Description	
0	-	106458-0010	SCKT, 20PQFN05-0.65	
1	1	101082-0211	ASSY, L/F, PQFN05, 1.70	
2	1	106460-0010	CS, 20PQFN05-0.65	
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 DIM5 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 CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE		 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066			
DRAWING APPROVALS		SCKT, 20PQFN05-0.65			
DRAWN: <b>K. Pitney</b> DATE: <b>07/16/08</b>		SCALE: <b>C</b> (CALIFORNIA) SOLIDWORKS DRAWING NO: <b>106458-0010</b> SHEET: <b>B</b>			
LEGEND:  NOTE CALLOUT  REVISION CHANGE  ITEM NUMBER		APPROV: <b>M. Peery</b> DATE: <b>07/16/08</b>		THIRD ANGLE PROJECTION 	
		SEE BOM			
		1 of 4			



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 - DIMS APPLY AFTER PLATING  
 TOLERANCES UNLESS OTHERWISE NOTED:

DECIMALS	XX	±0.25
ANGLES	X.X	±0.10
±1°	X.XXX	±0.050

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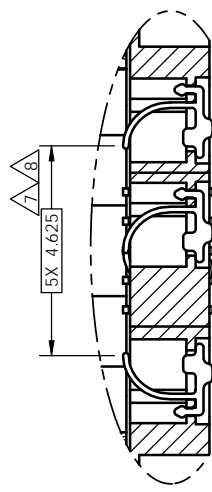
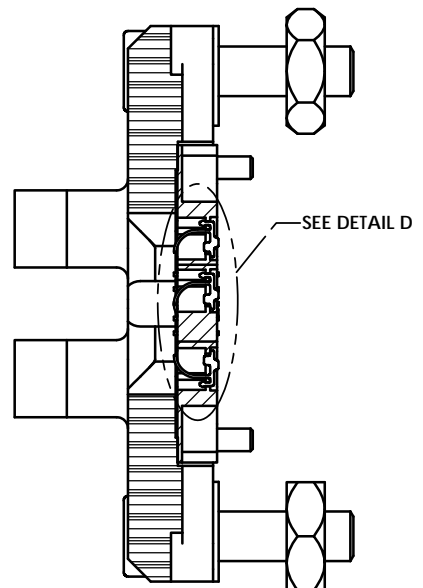
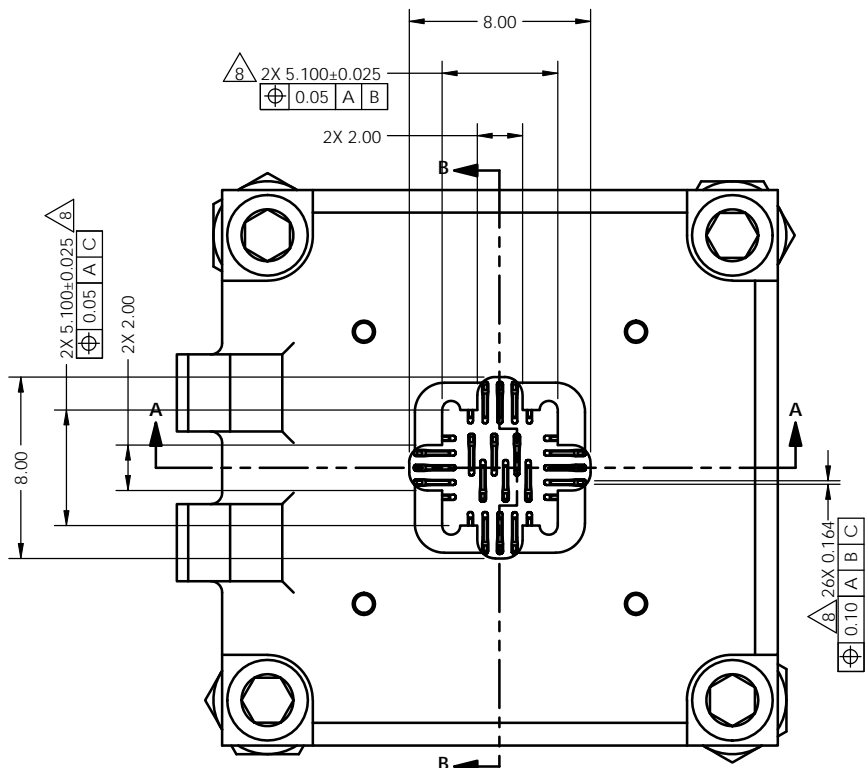
**SCKT, 20PQFN05-0.65**

REV	DATE	DESCRIPTION	BY
C		SOLIDWORKS	B

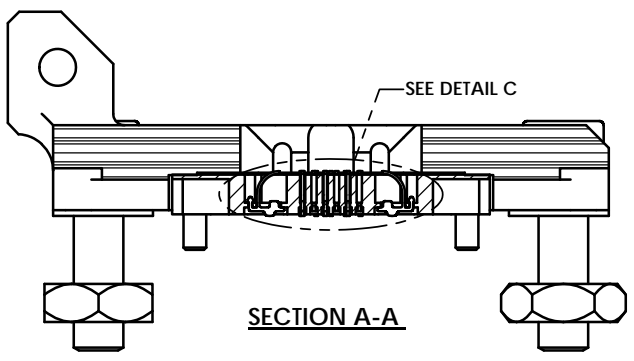
DRAWING NO: **106458-0010**

SCALE: See Page 1

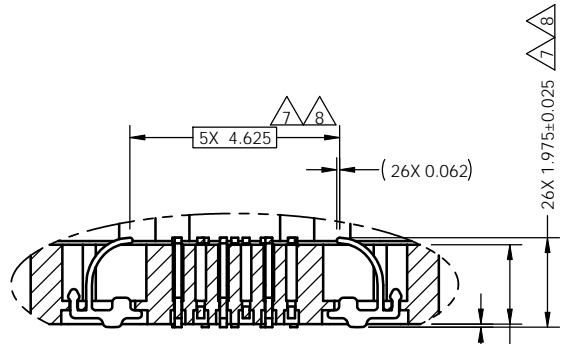
SHEET: 2 of 4



**DETAIL D**  
SCALE 2:1



**SECTION A-A**

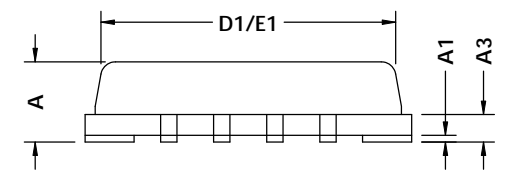
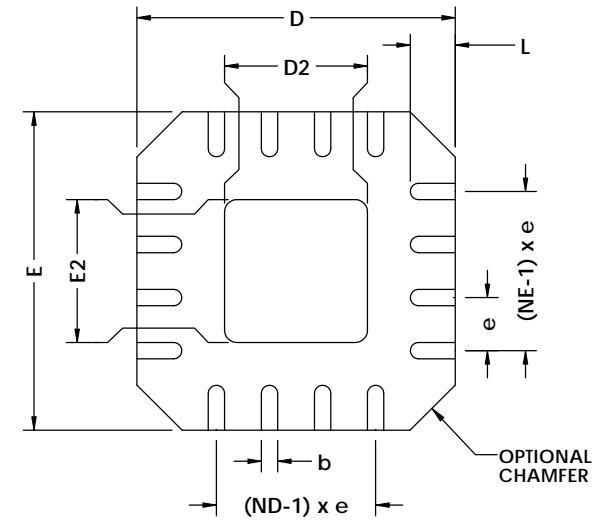
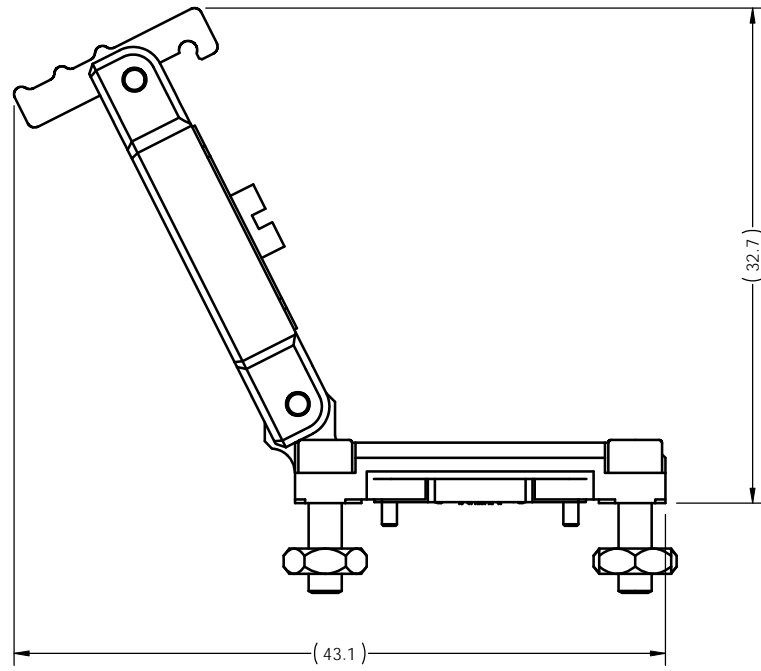


**DETAIL C**  
SCALE 2:1

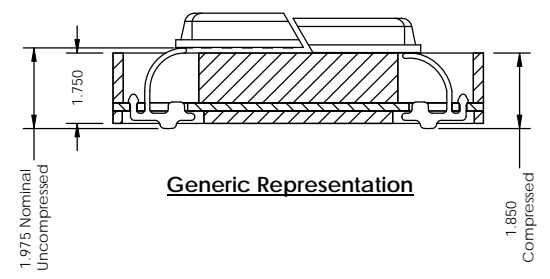
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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>		<small>DECIMALS XX ±0.25 XXX ±0.10 X.XXX ±0.050</small>	
<small>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</small>		<b>SCKT, 20PQFN05-0.65</b>	
<b>LEGEND:</b>		<b>SCALE: 1:1</b>	
	NOTE CALLOUT		REVISION CHANGE
	ITEM NUMBER		CAD FORMAT
	REVISION CHANGE		SOLIDWORKS
	ITEM NUMBER		DRAWING NO. <b>106458-0010</b>
	ITEM NUMBER		REV. <b>B</b>
See Page 1		3 of 4	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	20	
Lead Count X/Y	ND/NE	5	5
Device Type		QFN (MLP, MLF)	
Package Size	D/E	5.0±0.1*	5.0±0.1*
Pitch	e	0.65	
Encapsulant Size	D1/E1	4.0 min	4.0 min
Ground Pad	D2/E2	3.0 min	3.0 min
Package Height	A	0.75-1.10	
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 then D and E. At maximum material conditions maximum device size, minimum connector opening) there will be an interference fit. Contact Cascade Microtech for more details.



**Generic Representation**



**Generic Representation**

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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

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 BROOKLYN PARK, MN 55428  
 (763) 509-0066

**SKCT, 20PQFN05-0.65**

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

REV: C CAD FORMAT: SOLIDWORKS DRAWING NO: 106458-0010 REV: B  
 SCALE: MATERIAL: See Page 1 SHEET: 4 of 4