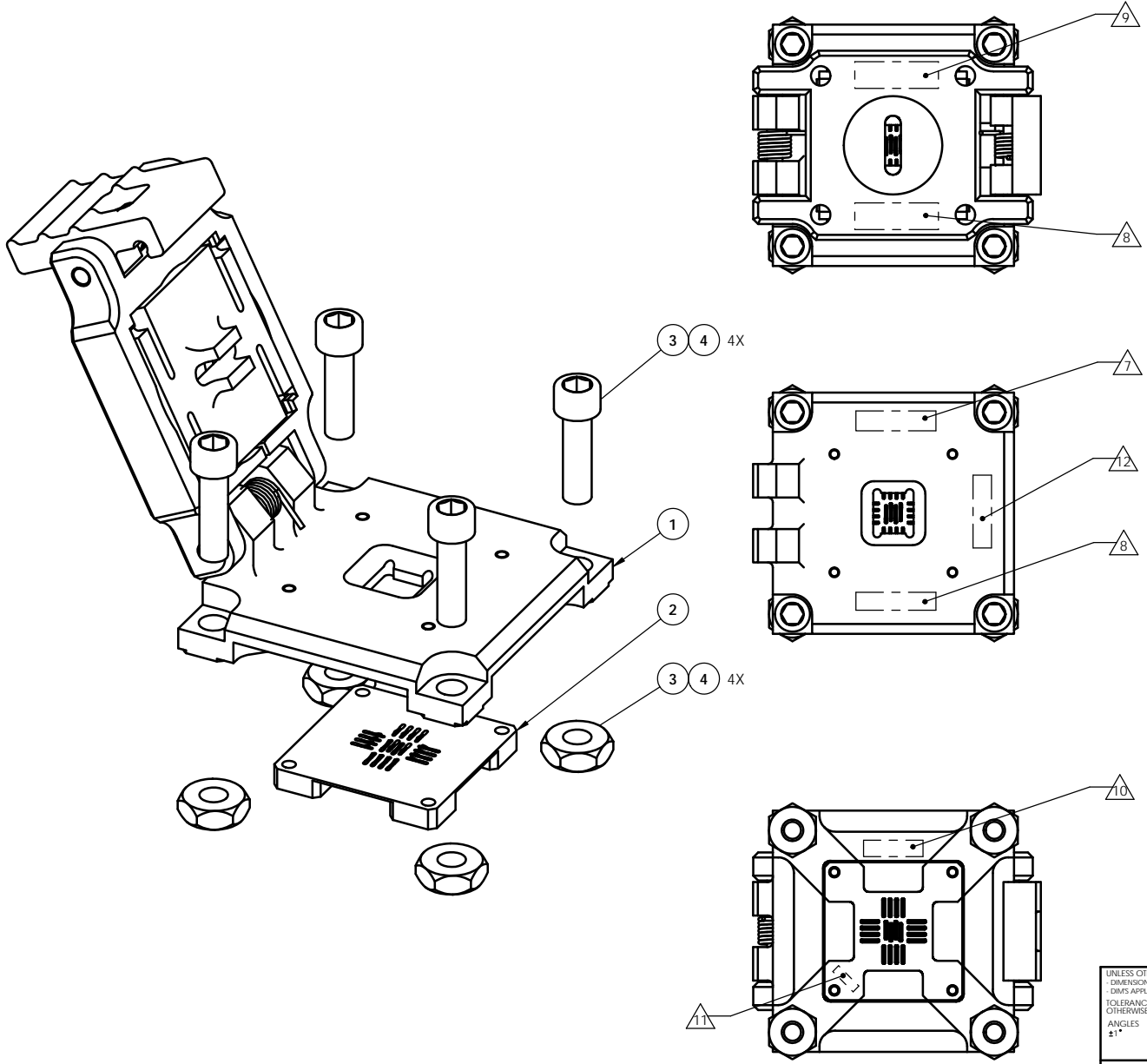




REV	ECO	BY	DESCRIPTION	APV	DATE
A	30059	SK	Initial Design	MP	01/11/10

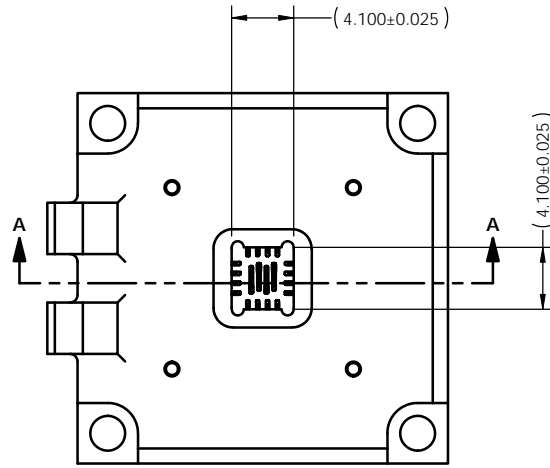
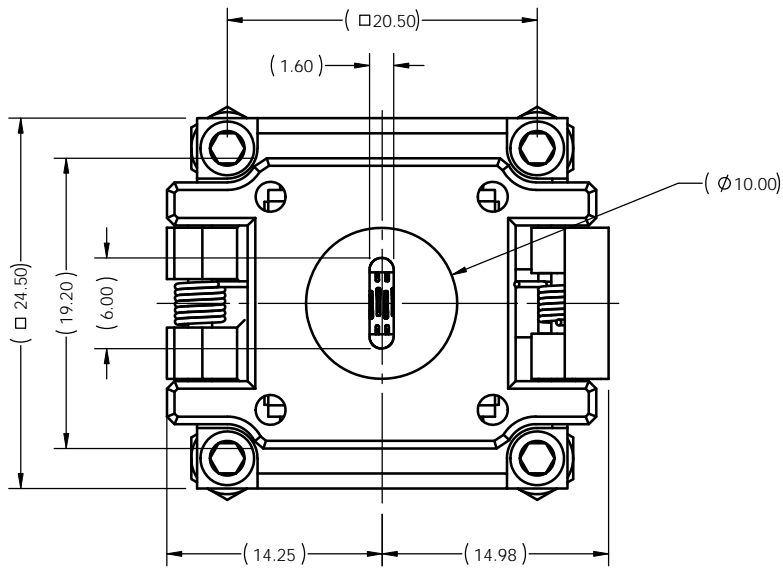


Notes:

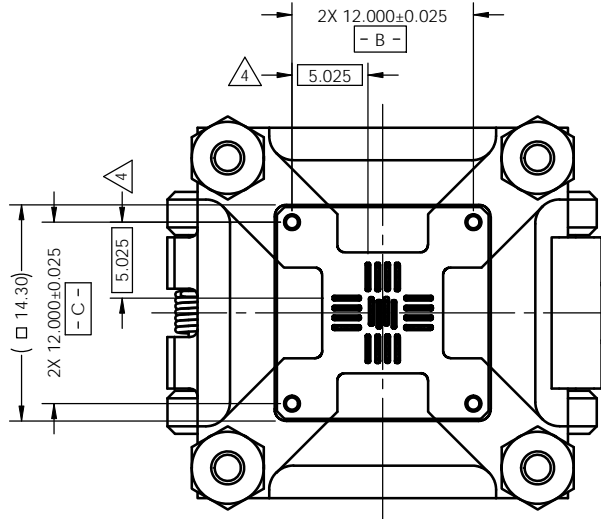
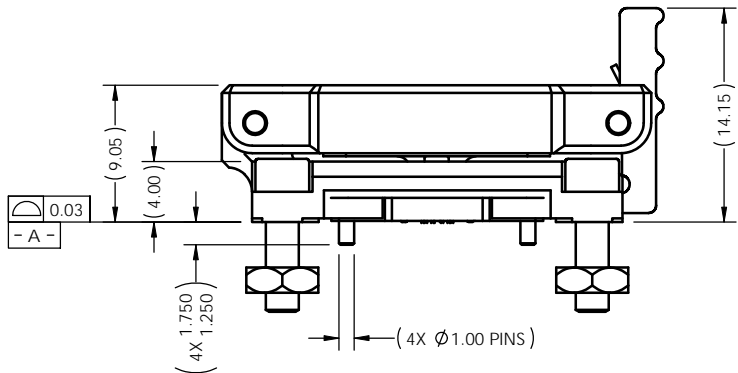
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (-0.22-0.33 Nm).
- Footprint part number is 100672-0001.
- Dimension locates center line of contact.
- Socket is RoHS compliant.
- Minimum force applied to device at test is 900g.
- Customer part number.
- Company logo.
- "MADE IN USA" (Date Code).
- Frame part number.
- Contact set part number (if room allows).
- Socket part number and rev. level.

Parts List			
Item	Qty	Part Number	Description
0		106458-0001	SOCKET, 16PQFN04-0.65, HINGED
1	1	101082-0007	ASSY, LID/FRAME, QFN04
2	1	106460-0001	CS, 16PQFN04-0.65
3	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
4	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4

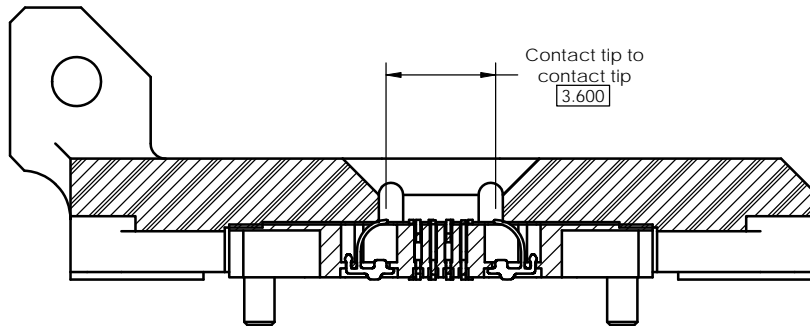
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: ANGLES ±1°		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, 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, 16PQFN04-0.65, HINGED	
DESIGN: S. Klanderud	DATE: 01/11/10	CUSTOMER: CASCADE MICROTECH PART NUMBER: 106458-0001 REV: A	
APPROV: M. Peery	DATE: 01/11/10	SCALE: SEE BOM MATERIAL: SEE BOM SHEET: 1 of 3	
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		THIRD ANGLE PROJECTION 	



TOP VIEW WITHOUT LID



BOTTOM VIEW

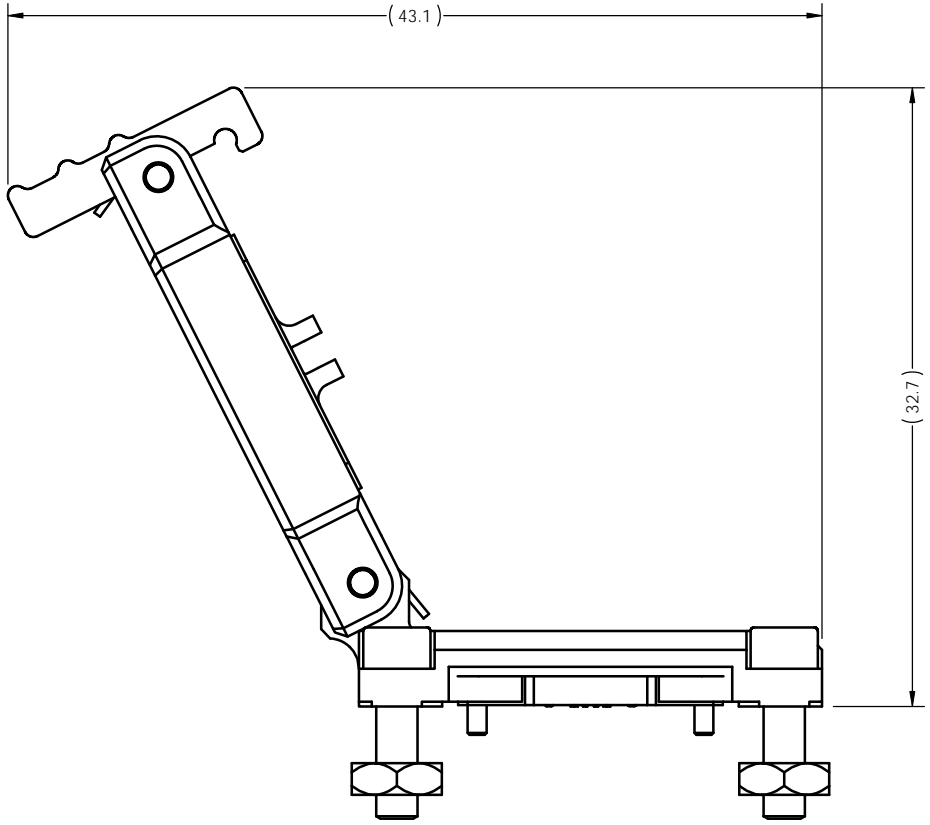
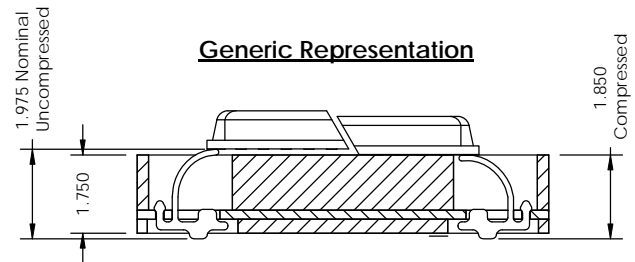
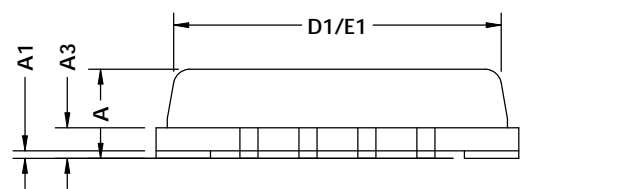
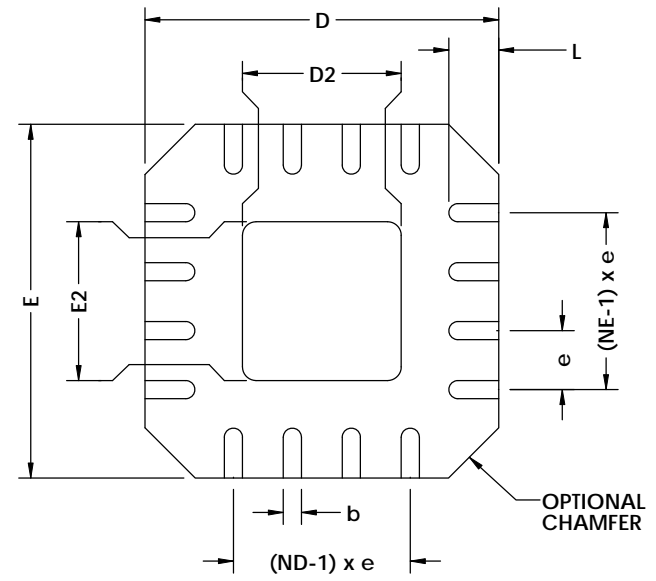


SECTION A-A
Scale 2:1

<small>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.</small>			
<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED:</small>		<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	
<small>LEGEND:</small> NOTE CALLOUT REVISION CHANGE ITEM NUMBER		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<small>SCALE</small> C		<small>DRAWING NO.</small> 106458-0001	
<small>REV</small> A		<small>SEE PAGE</small> 1	
<small>SHEET</small> 2 of 3		<small>SHEET</small> 2 of 3	

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	16	
Lead Count X/Y	ND/NE	4	4
Device Type		QFN (MLP, MLF)	
Package Size	D/E	4.00±0.1*	4.00±0.1*
Pitch	e	0.65	
Encapsulant Size	D1/E1	N/A	N/A
Ground Pad	D2/E2	2.0 min	2.0 min
Package Height	A	0.60-0.95	
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 Graphics for more details.



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.

UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIMS APPLY AFTER PLATING
 TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
 ANGLES X.X ±0.25
 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

SCKT, 16PQFN04-0.65, HINGED

SCALE: C (C) CAD FORMAT: SOLIDWORKS DRAWING NO: 106458-0001 REV: A

See Page 1 3 of 3