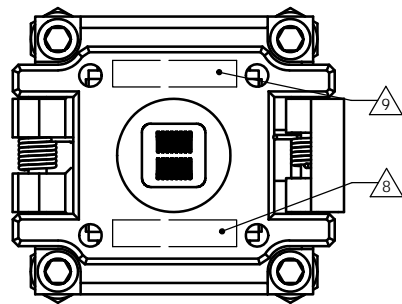
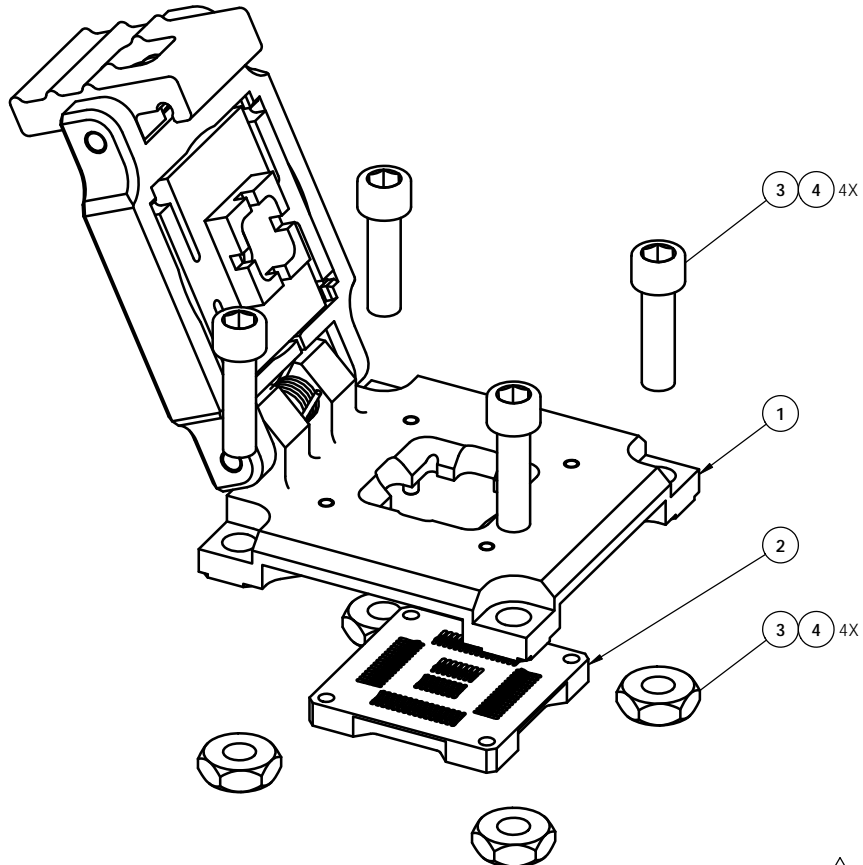
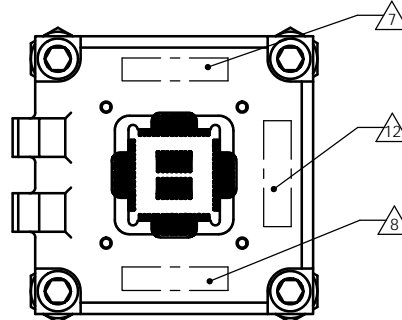


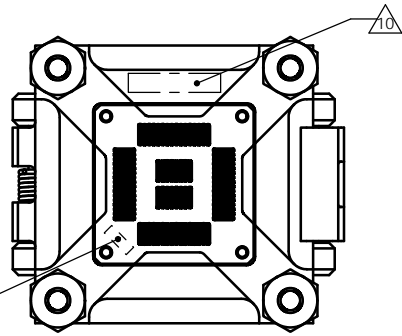
REV	ECO	BY	DESCRIPTION	APV	DATE
A	----	SK	Initial design	ET	08/27/08
B	30105	SK	Updated to current standards	MP	02/04/10



**TOP VIEW WITH LID**



**TOP VIEW WITHOUT LID**



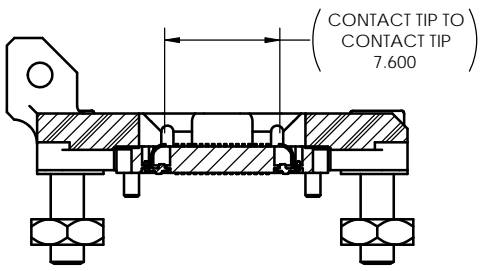
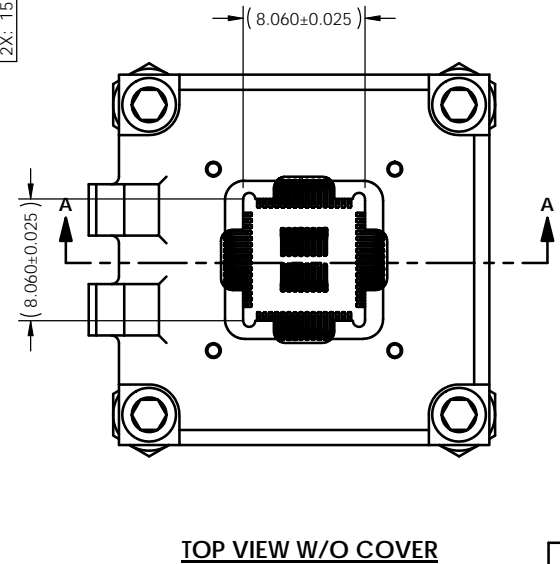
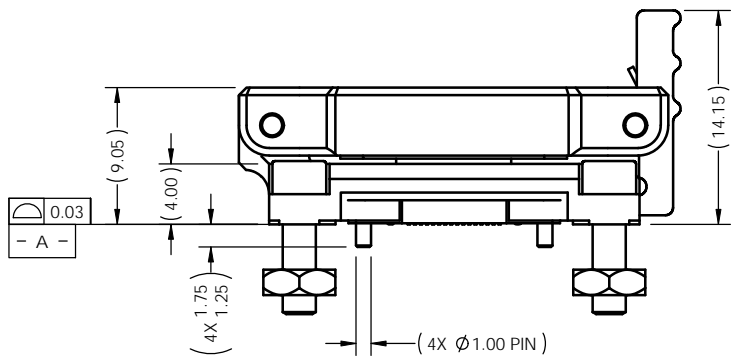
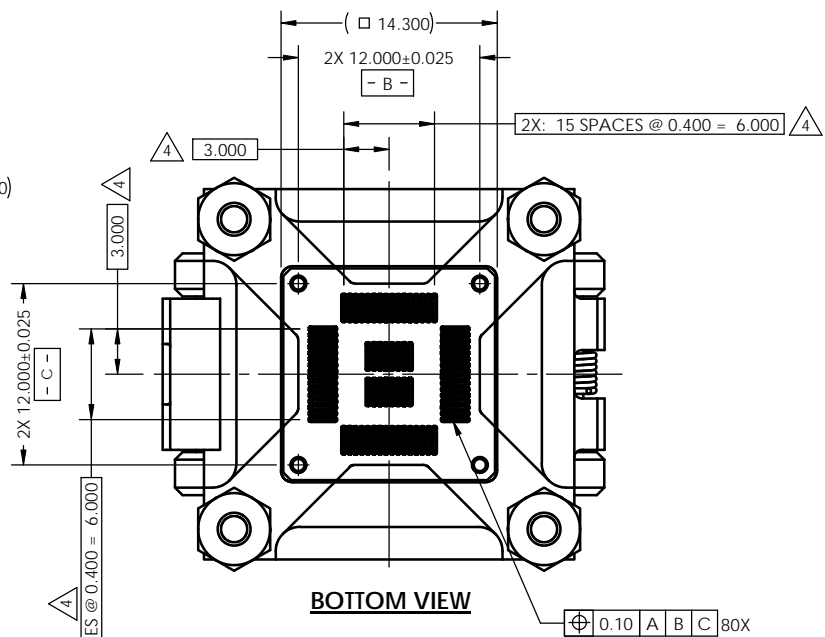
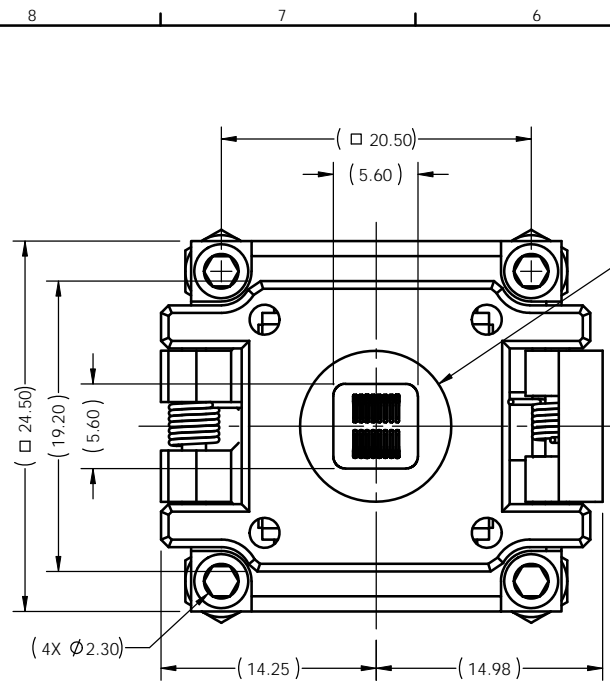
**BOTTOM VIEW**

**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 100672-0009.
- Dimension locates center line of contact.
- Socket is RoHS compliant.
- Minimum force applied to device at test is 3600g.
- 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		106458-0040	SOCKET, 64PQFN08-0.40, HINGED	
1	1	101082-0063	ASSY, L/F, 64PQFN08-0.40	
2	1	106460-0040	CS, 64PQFN08-0.40	
3	1	101133-0001	KIT, HW, #2-56 X 5/16, SST	
4	1	101133-0002	KIT, HW, M2.0 X 8.0, SST	

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		CASCAD MICROTECH	
NAME S. Klanderud	DATE 08/27/08	<b>SOCKET, 64PQFN08-0.40, HINGED</b>	
APPROV E. Turin	DATE 08/27/08		
THIRD ANGLE PROJECTION		SCALE C	SEE BOM
LEGEND: NOTE CALLOUT REVISION CHANGE ITEM NUMBER		DESIGNED BY S. Klanderud	SHEET 1 of 3



**SECTION A-A**

**TOP VIEW W/O COVER**

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

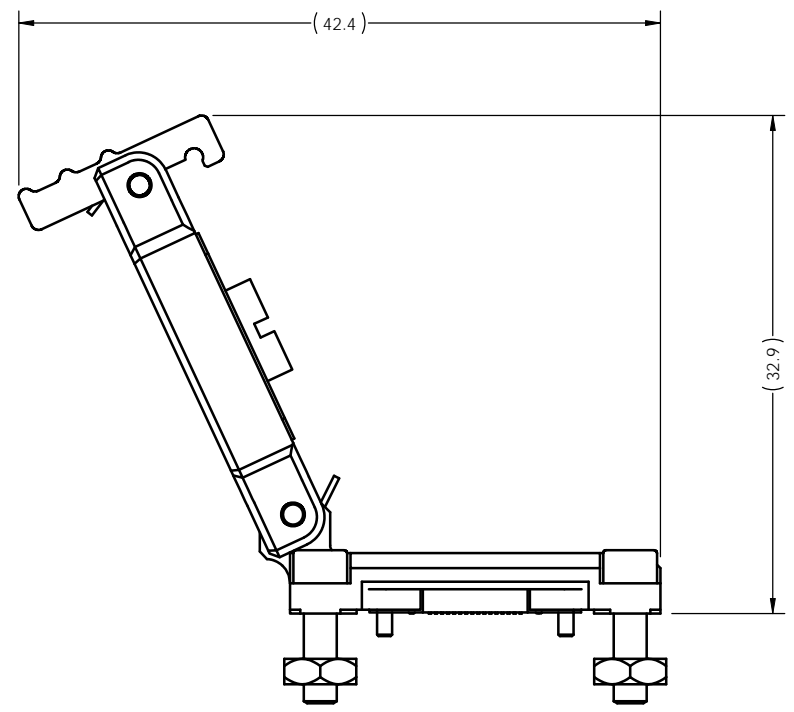
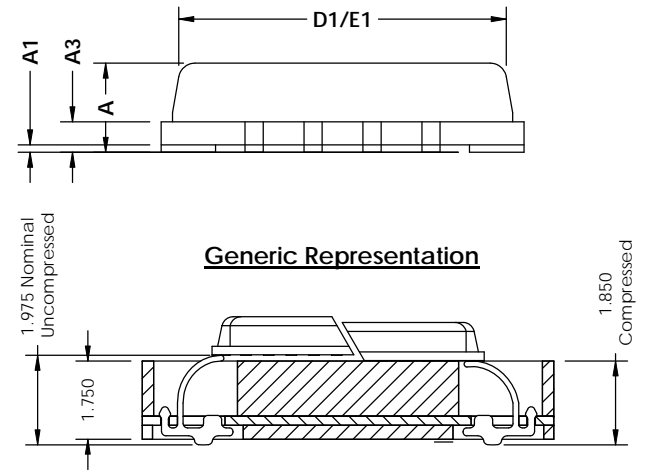
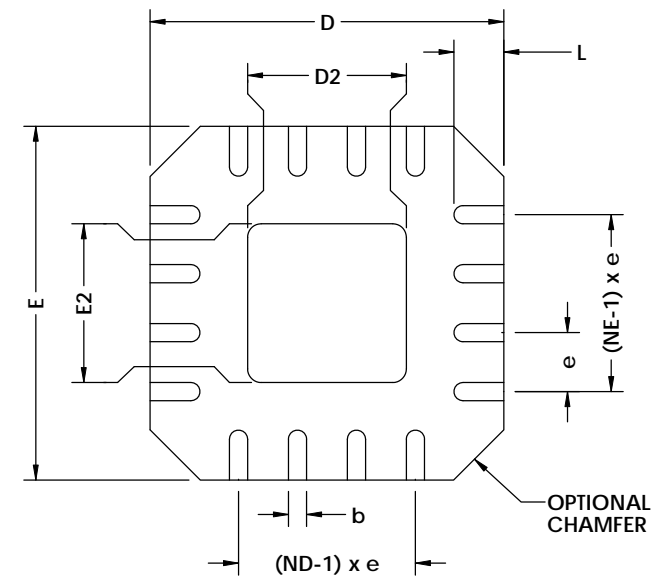
ANGLES	DECIMALS
±1°	X.X ±0.25
	X.XX ±0.10
	X.XXX ±0.050

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

7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<b>SOCKET, 64PQFN08-0.40, HINGED</b>	
DATE	REV
C	B
DRAWN BY	DESIGNED BY
SOLIDWORKS	106458-0040
MATERIAL	SCALE
	See Page 1
SHEET	PAGE
2	2 of 3

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	64	
Lead Count X/Y	ND/NE	16	16
Device Type		QFN (MLP, MLF)	
Package Size	D/E	8.0±0.1*	8.0±0.1*
Pitch	e	0.40	
Encapsulant Size	D1/E1	6.0 min	6.0 min
Ground Pad	D2/E2	5.0 min	5.0 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 0.060±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.



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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  
 X.XX ±0.10  
 X.XXX ±0.050

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

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

**SOCKET, 64PQFN08-0.40, HINGED**

SCALE: C (C) CAD FORNAT (C) SOLIDWORKS (C) DRAWING NO: 106458-0040 (REV) B  
 SEE PAGE 1 3 OF 3