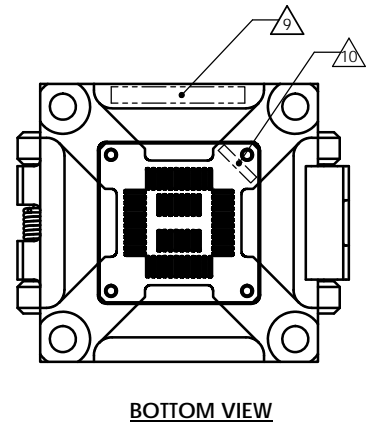
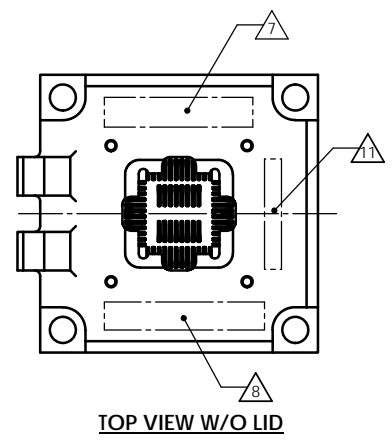
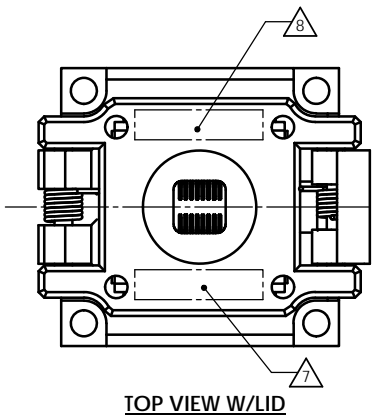
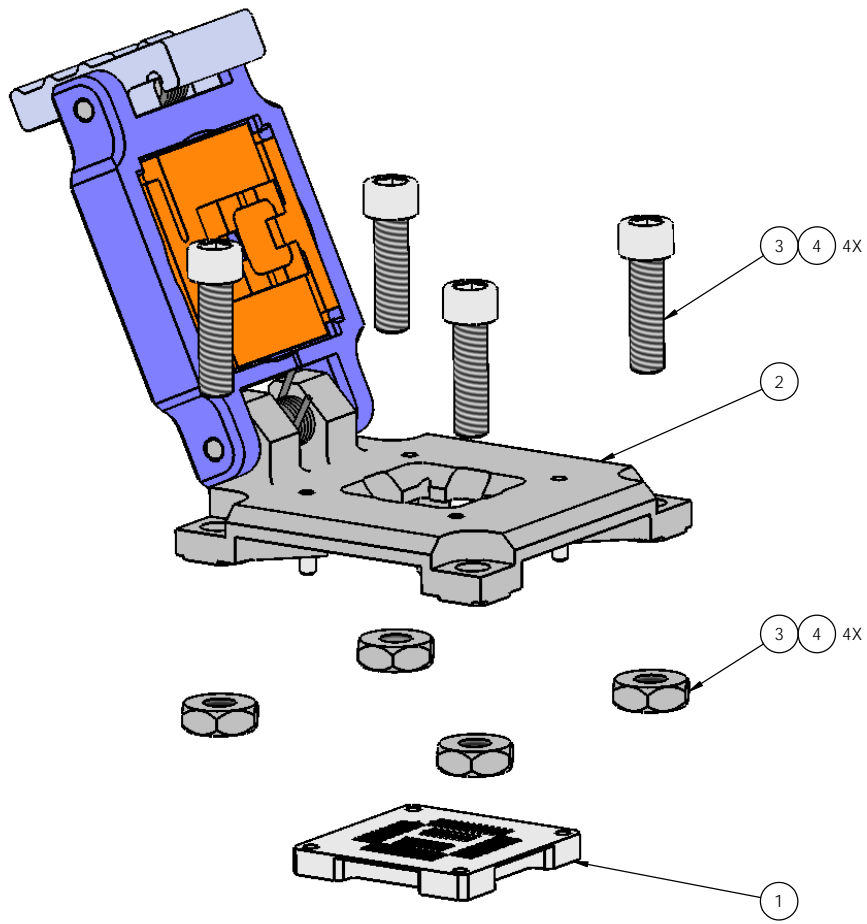


REV	ECO	BY	DESCRIPTION	APV	DATE
A	--	KP	Initial Design	MP	11/04/08
B	30051	KP	Update HSG and Format	MP	01/05/10

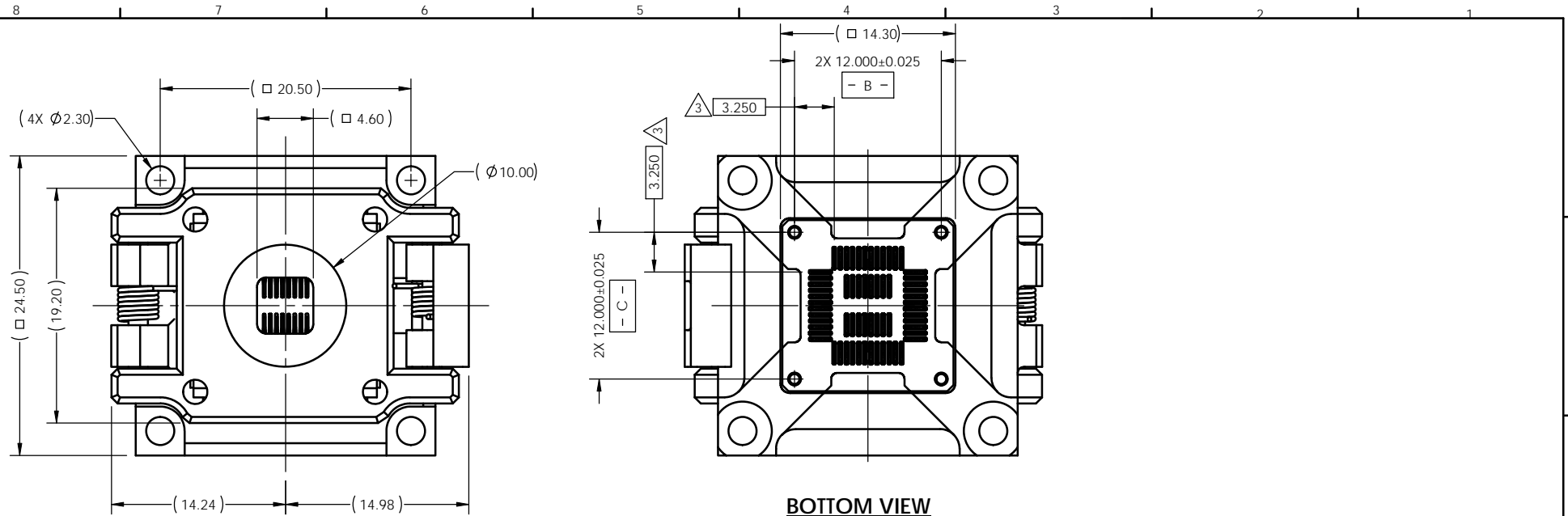


Notes:

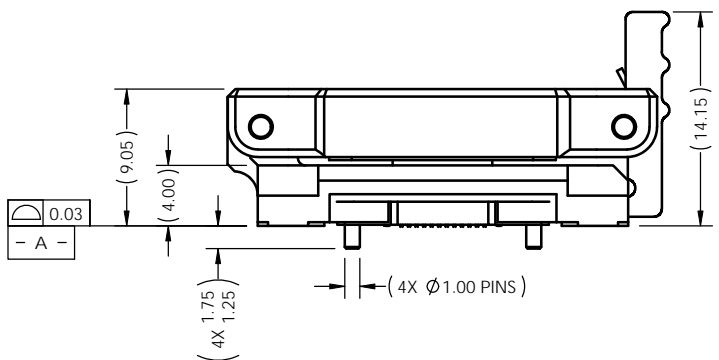
- Latches to move freely and return to closed position when released.
- Tighten PCB mounting fasteners to 2-3 in-lbs. (-0.22-0.33 Nm).
- Dimension locates center line of contact.
- Socket is RoHS compliant.
- Minimum force applied to device at test is 2560g.
- Customer part number
- Company logo
- "MADE IN USA" (Date Code).
- Frame part number.
- Contact set ID (if room allowable).
- Cascade socket part number and rev. level.
- Footprint part number is 100686-0001.

Parts List			
Item	Qty	Part Number	Description
		106458-0020	SCKT, 48PQFN07-0.50, HIN
1	1	106460-0020	CS, 48PQFN07-0.50
2	1	101082-0004	ASSY, LID/FRAME, QFN07
3	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
4	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4

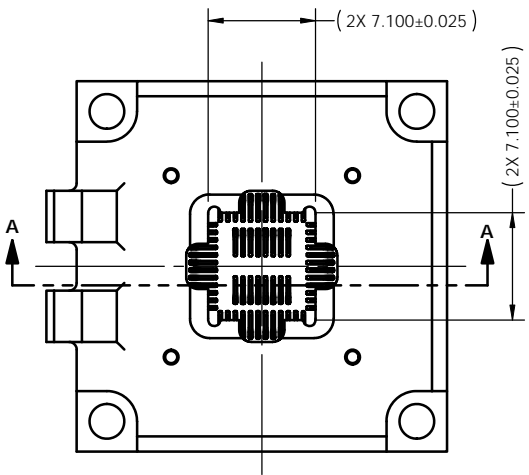
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN 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	DATE	SCKT, 48PQFN07-0.50, HIN	
K. Pitney	11/04/08		
APPROV	DATE		
M. Peery	11/04/08		
THIRD ANGLE PROJECTION		CAD FORNAT	DRAWING NO.
		SOLIDWORKS	106458-0020
		MATERIAL	SEE BOM
		SCALE	SHEET
			1 of 3



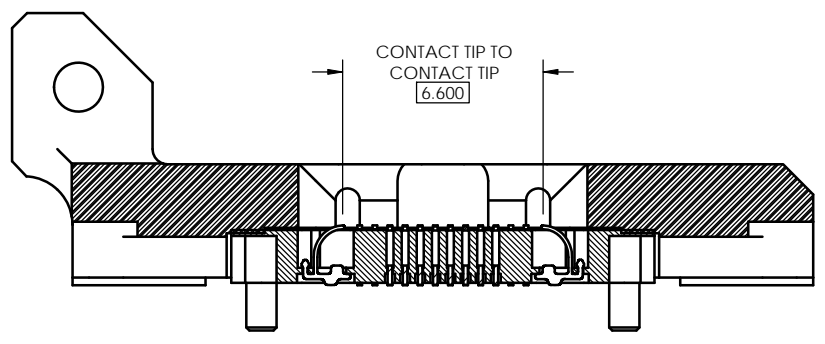
BOTTOM VIEW



SECTION A-A



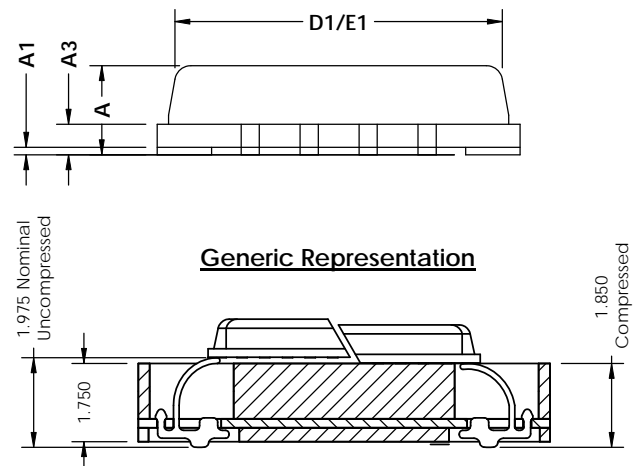
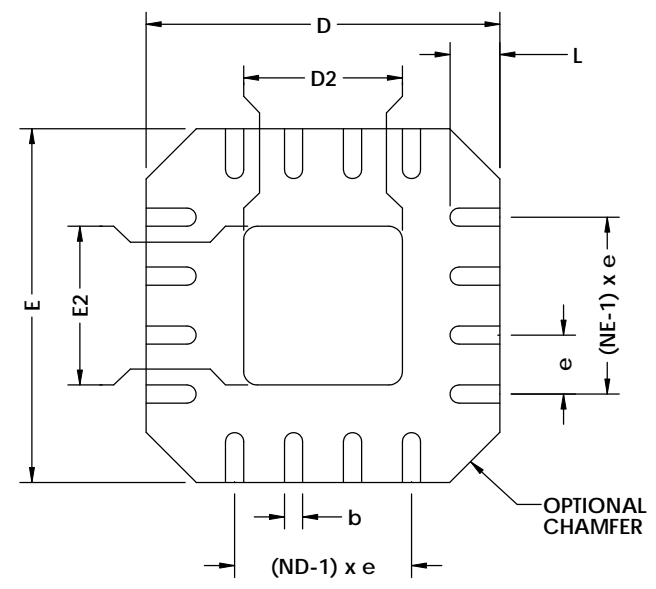
TOP VIEW W/O LID



SECTION A-A
Scale 2:1

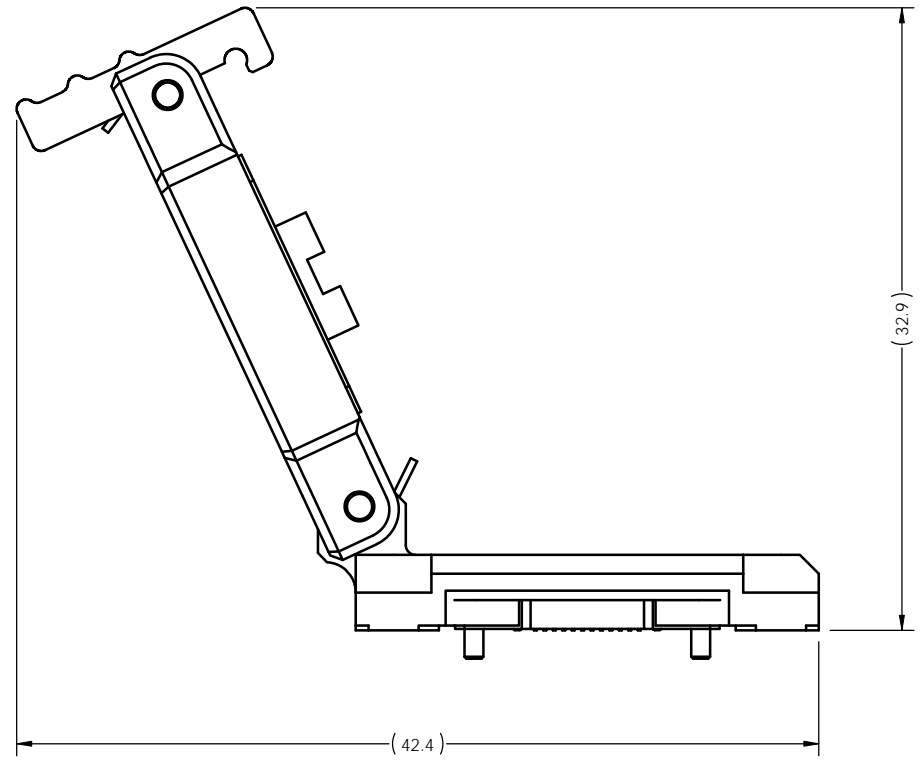
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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING</small>		CASCADE <small>7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066</small>	
<small>TOLERANCES UNLESS OTHERWISE NOTED:</small>		SCKT, 48PQFN07-0.50, HIN	
DECIMALS	±0.25	DRAWING NO.	106458-0020
ANGLES	±1°	MATERIAL	B
XXX	±0.10	SCALE	See Page 1
XXXX	±0.050	SHEET	2 of 3


SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	48	
Lead Count X/Y	ND/NE	12	12
Device Type		QFN (MLP, MLF)	
Package Size	D/E	7.0±0.1*	7.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	6.0 min	6.0 min
Ground Pad	D2/E2	4.0 min	4.0 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 0.100±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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UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIMS APPLY AFTER PLATING		 7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS ANGLES XX ±0.25 XXX ±0.10 XXXX ±0.050		SKT, 48PQFN07-0.50, HIN	
REV	CAD FORMAT	DRAWING NO	REV
C	SOLIDWORKS	106458-0020	B
SCALE	MATERIAL	See Page 1	
		3 of 3	