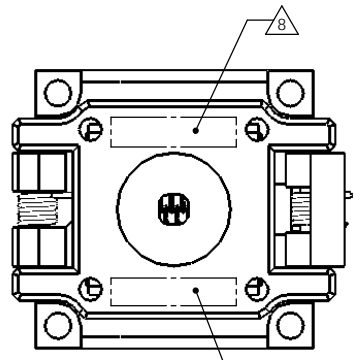
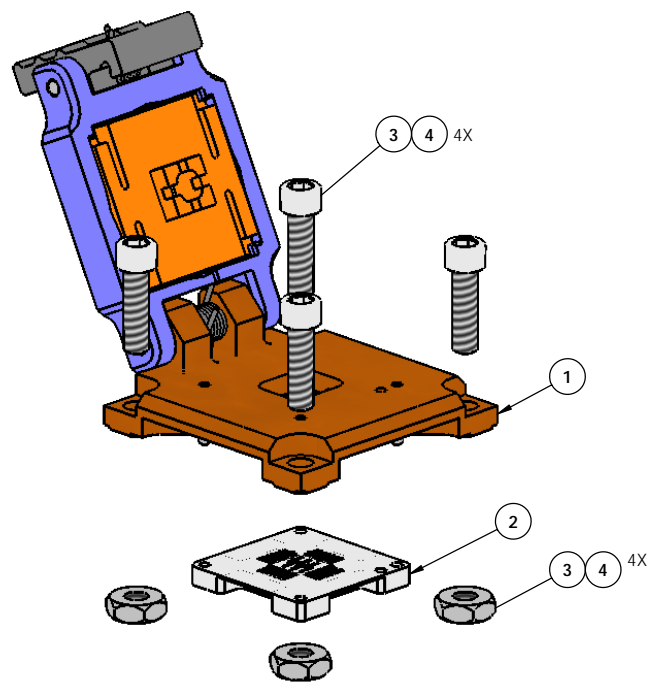
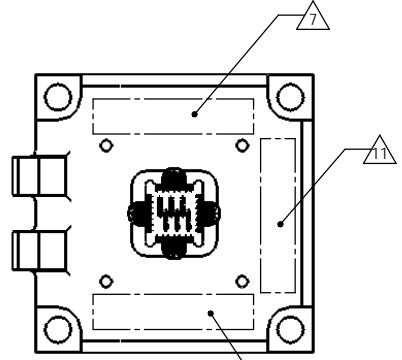


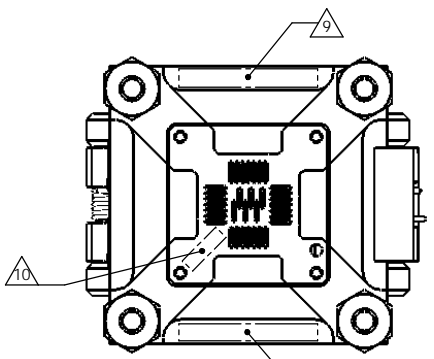
REV	ECO	BY	DESCRIPTION	APV	DATE
A		AS	Initial Design	MP	07/16/08



TOP VIEW WITH LID



TOP VIEW WITHOUT LID





BOTTOM VIEW

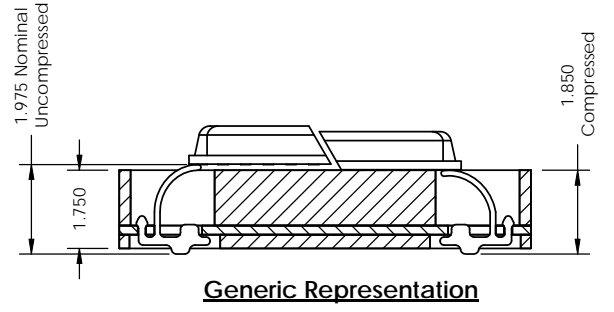
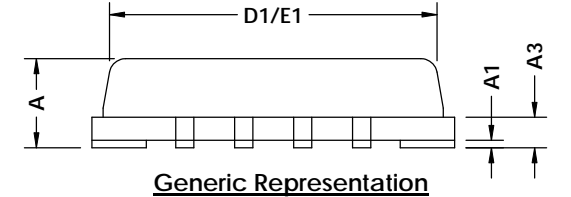
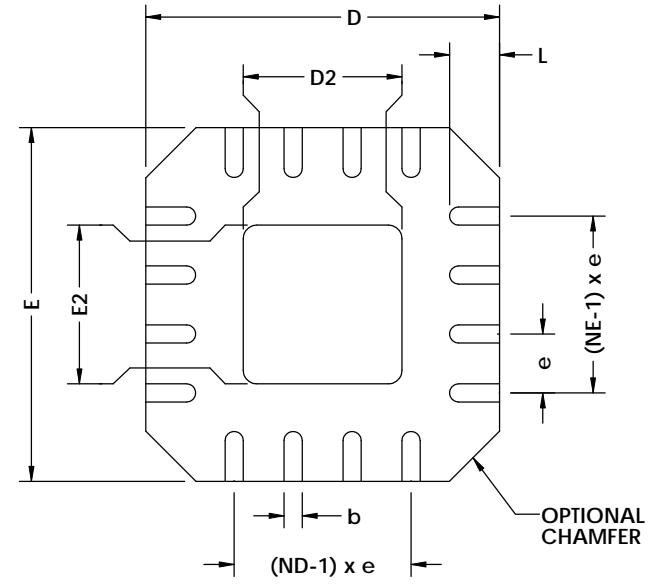
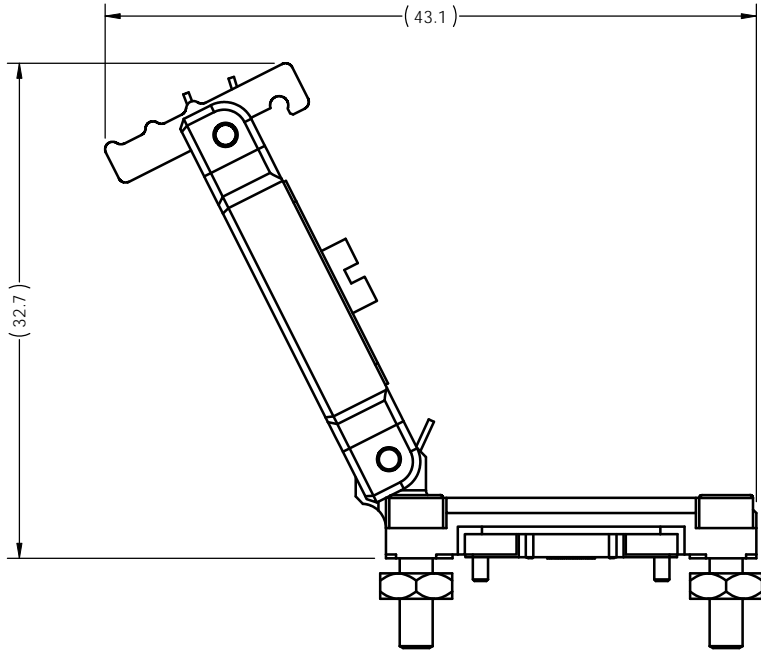
Notes:

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 100677-0001.
- △4 Dimension locates center line of contact.
 5. Socket is RoHS compliant.
 △6 Customer part number.
 △7 Company logo.
 △8 "MADE IN USA" (Date Code).
 △9 Frame part number.
 △10 Contact set part number (if room allows).
 △11 Socket part number and rev. level.

Parts List			
Item	Qty	Part Number	Description
0	-	106458-0011	SOCKET, 28PQFN05-0.50, HINGED
1	1	101082-0006	ASSY, LID/FRAME, QFN05, HINGED
2	1	106460-0011	CS, 108PQFN12-0.40
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 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		SCKET, 28PQFN05-0.50, HINGED	
NAME K. Pitney	DATE 07/16/08	SCALE: C CALIFORNIA SOLIDWORKS MATERIAL: SEE BOM	
APPROV: M. Peery	DATE 07/16/08	THIRD ANGLE PROJECTION 	PART NUMBER: 106458-0011 REV: A SHEET: 1 of 3

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	28	
Lead Count X/Y	ND/NE	7	7
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 small 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.			



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UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN MILLIMETERS
- DIMS APPLY AFTER PLATING
TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
ANGLES X.X .0125
X.XX .0130
X.XXX ±.050

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

SCKT, 28PQFN05-0.50, HINGED

LEGEND:
 NOTE CALLOUT
 REVISION CHANGE
 ITEM NUMBER

DATE: C CAD FORUM DRAWING NO: 106458-0011 REV: A
 SCALE: MATERIAL: See Page 1 SHEET: 3 of 3