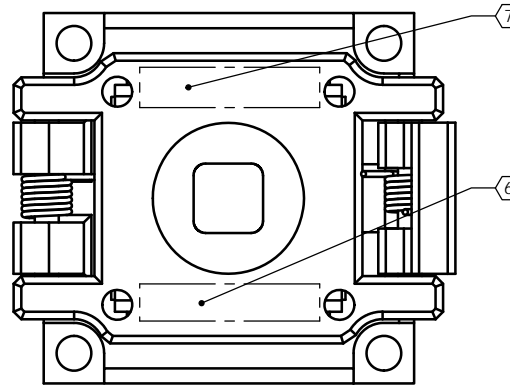
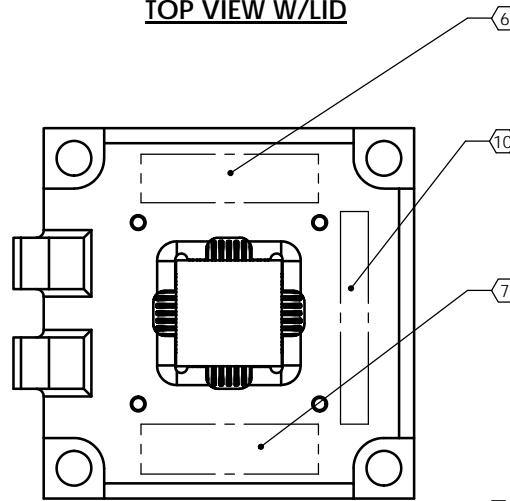


Notes:

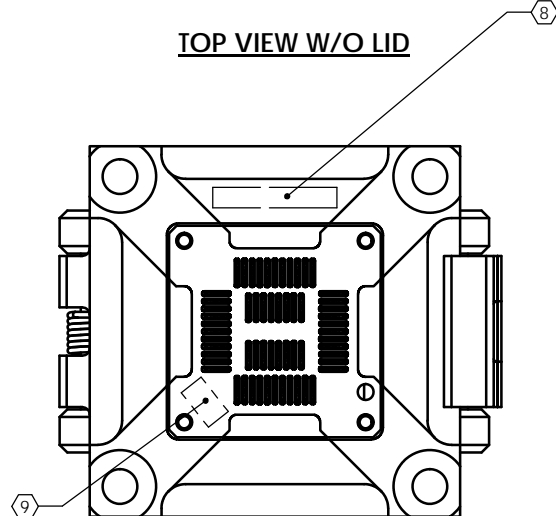
1. Includes hardware kit when shipping .
  2. Tighten PCB mounting fasteners to 2-3 in-lbs (0.22-0.33 Nm).
  3. Footprint part number is 100685-0001.
- ④ Locates center of contact.
5. Latch to move freely and return to closed position when released.
- ⑥ Company logo.
- ⑦ "MADE IN USA": Date Code.
- ⑧ Frame part number.
- ⑨ Contact set part number (if room allowable).
- ⑩ Socket part number and rev level.



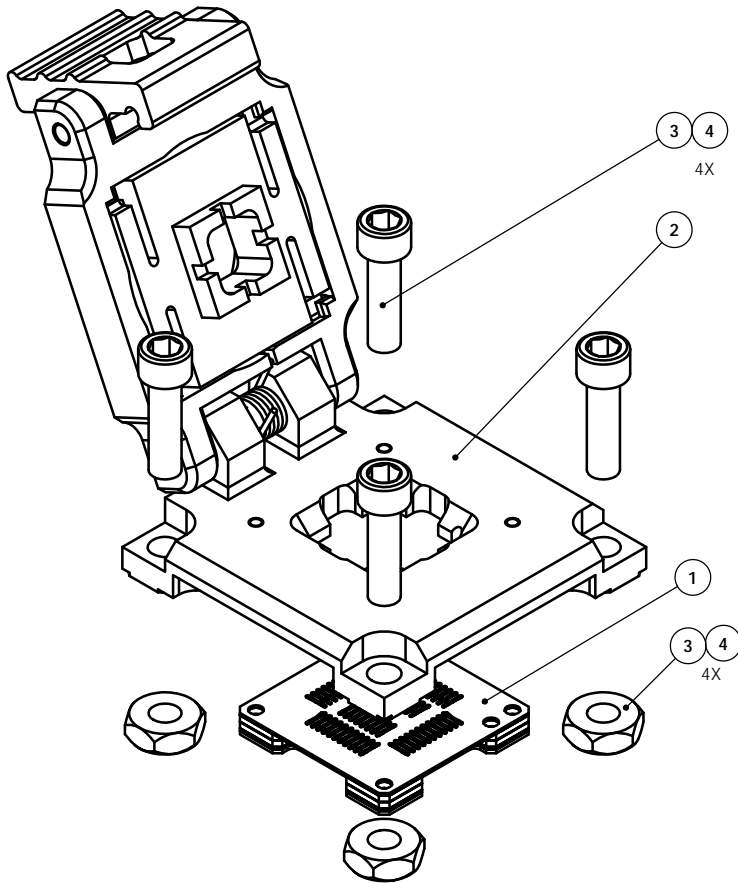
**TOP VIEW W/LID**



**TOP VIEW W/O LID**

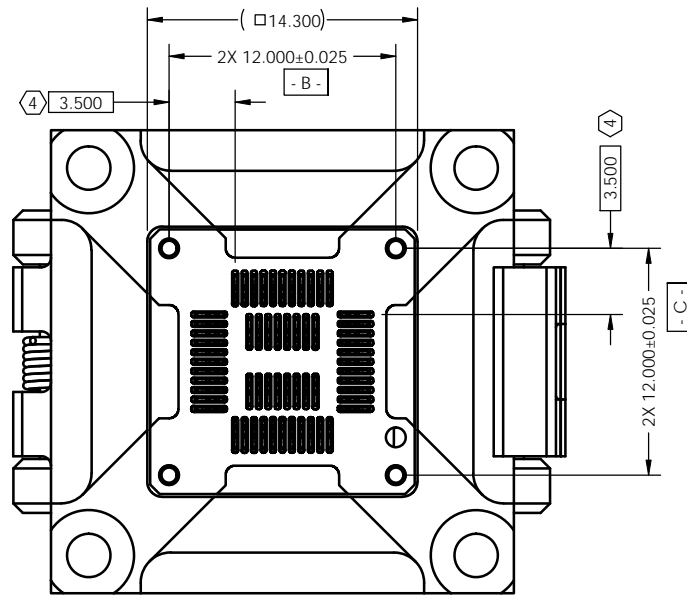
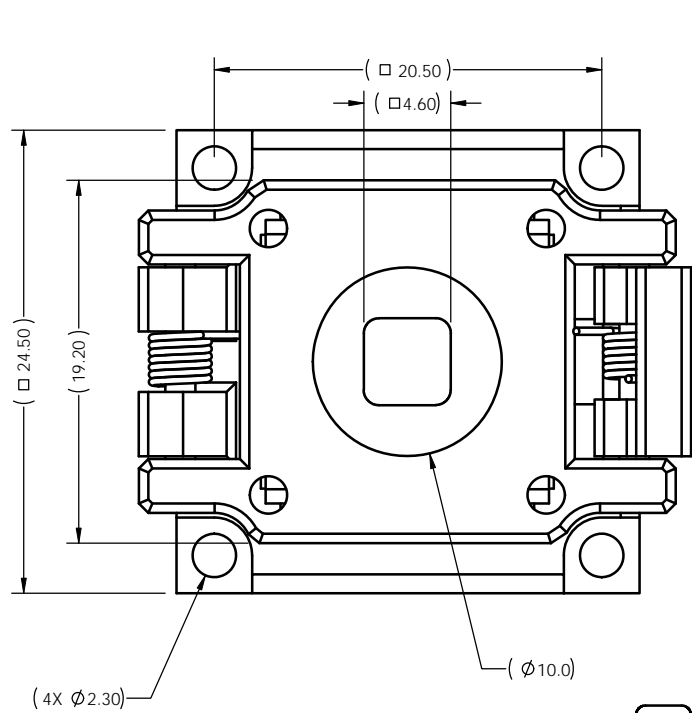


**BOTTOM VIEW**



PARTS LIST			
ITEM NO	QTY	PART NUMBER	DESCRIPTION
		106458-0019	SOCKET, 44PQFN07-0.50, HINGE
1	1	106460-0019	CS, 44PQFN07-0.50
2	1	101082-0004	ASSY, L/F, QFN07
3	1	101133-0001	KIT, HW, 2-56 X 5/16, 4 SHCS
4	1	101133-0002	KIT, HW, M2.OX8.0, 4 SHCS

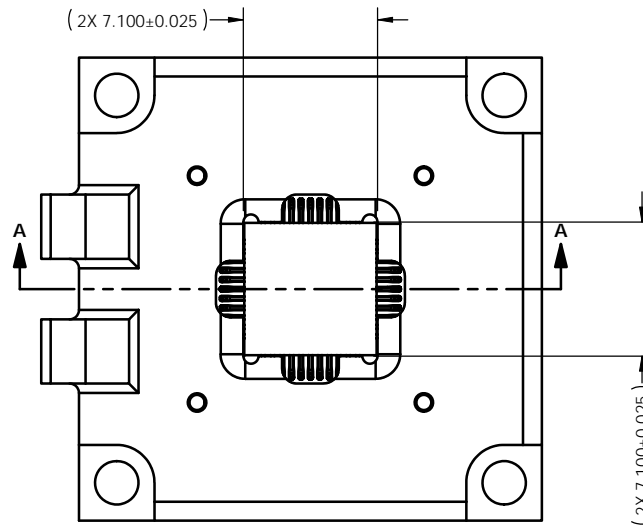
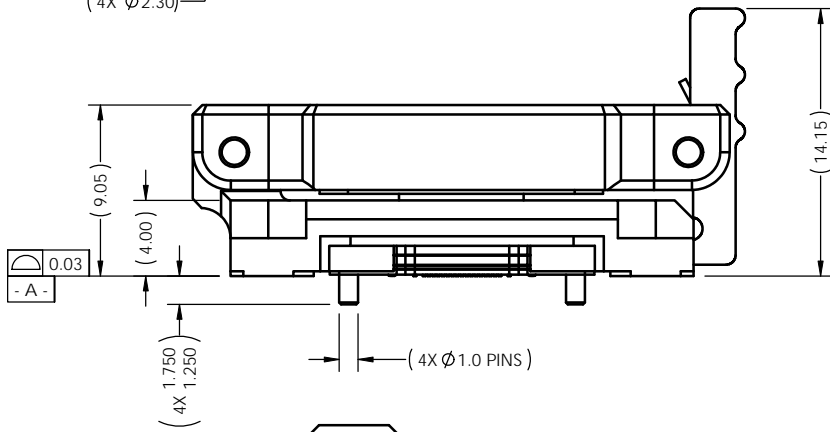
A	EJT	Initial Design	MP	04/23/09
REV	ECO	BY	DESCRIPTION	APV DATE
<b>GRYPHICS</b>		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE NOTED:		
DO NOT SCALE DRAWING		ANGLES	±1°	
		X.X	±0.25	
		X.XX	±0.10	
		X.XXX	±0.050	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GRYPHICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF GRYPHICS, INC. IS PROHIBITED				
DRAWN: E.Turin		CHECKED:	APPV'D: M. Peery	
DATE: 04/21/04		DATE:	DATE: 04/23/09	
TITLE				
<b>SOCKET, 44PQFN07-0.50, HIN</b>				
DWG. NO.		MATERIAL	REV.	
106458-0019		SEE BOM	A	
				PAGE 1 OF 3



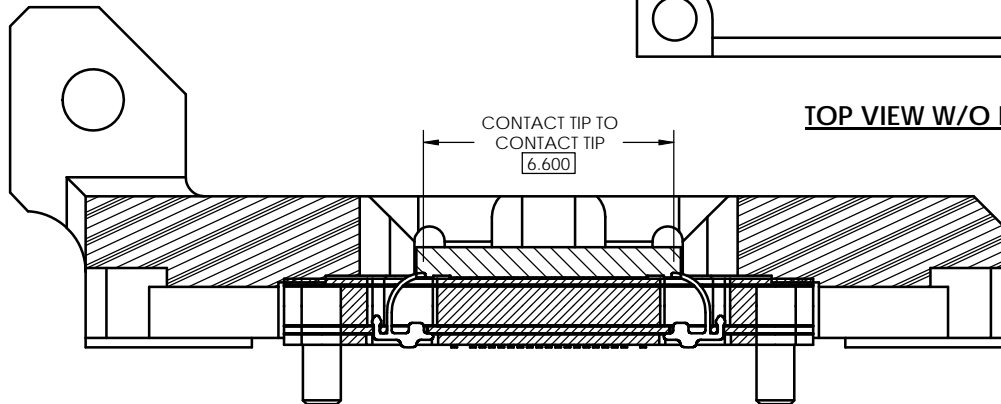
**BOTTOM VIEW**

(4X φ2.30) (φ10.0)

Notes:  
SEE PAGE 1.



**TOP VIEW W/O LID**



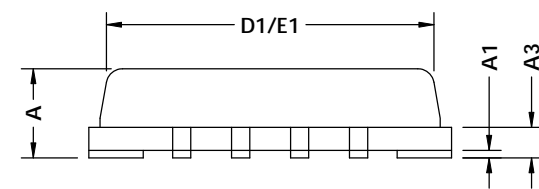
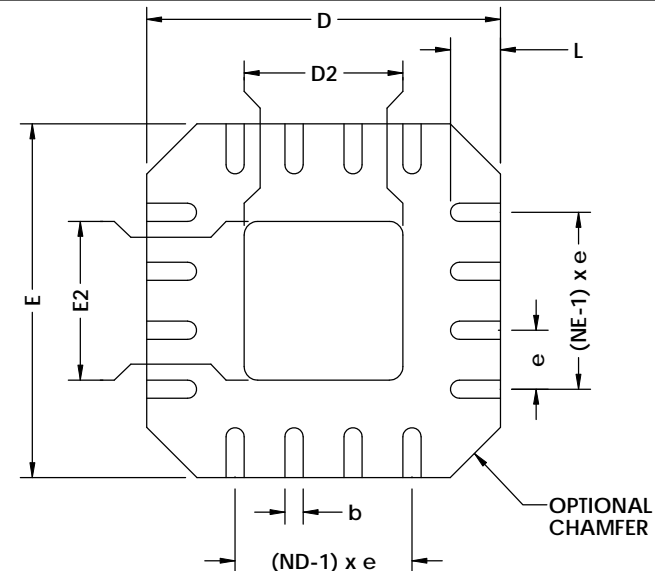
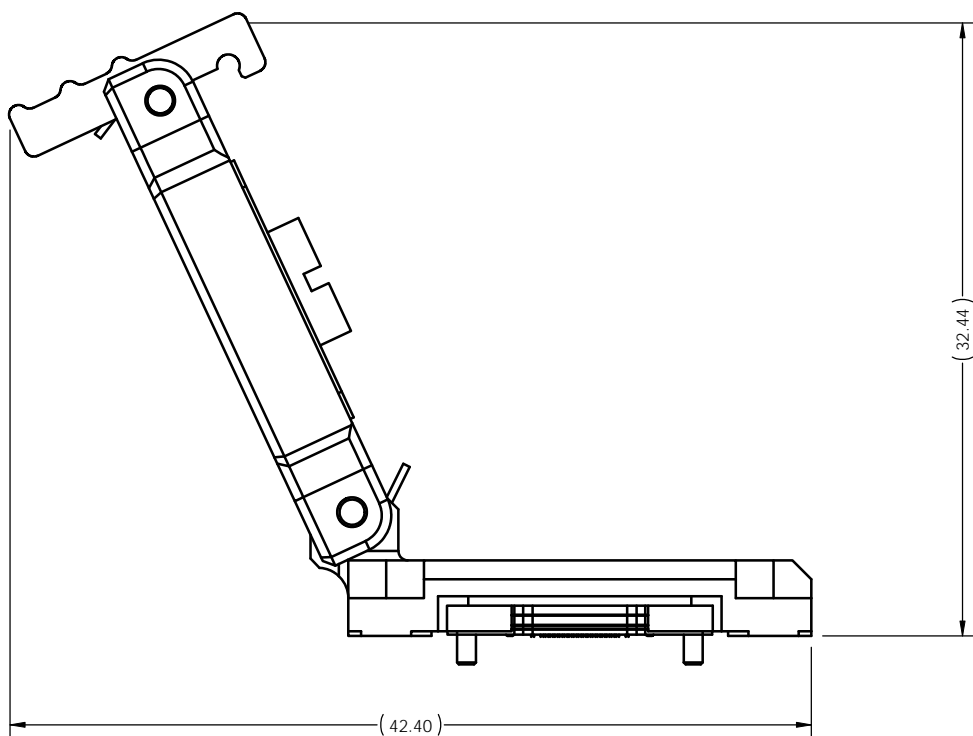
**SECTION A-A**

SCALE 2:1

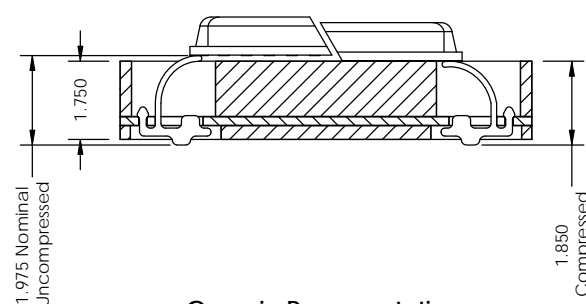
<h1>GRYPHICS</h1> <p>DO NOT SCALE DRAWING</p>	<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCES UNLESS OTHERWISE NOTED:</p> <p>ANGLES ±1°  X.X ±0.25  X.XX ±0.10  X.XXX ±0.050</p>
	<p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GRYPHICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF GRYPHICS, INC. IS PROHIBITED</p>
<p>TITLE</p> <h2>SOCKET, 44PQFN07-0.50, HIN</h2>	
DWG. NO.	REV.
106458-0019	A
See Page 1	PAGE 2 OF 3

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	44	
Lead Count X/Y	ND/NE	11	11
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 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.



**Generic Representation**



**Generic Representation**

Notes:  
SEE PAGE 1.

<b>GRYPHICS</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	
	TOLERANCES UNLESS OTHERWISE NOTED:	
DO NOT SCALE DRAWING	ANGLES	±1°
	X.X	±0.25
	X.XX	±0.10
	X.XXX	±0.050
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TITLE <b>SOCKET, 44PQFN07-0.50, HIN</b>		
DWG. NO. <b>106458-0019</b>	MATERIAL See Page 1	REV. <b>A</b>