

- Notes:
1. Includes hardware kit when shipped (items not shown)
 2. Tighten PCB mounting fasteners to 2-3 in-lbs (0.22-0.33 Nm)
 3. Footprint part number is 106476-0006.

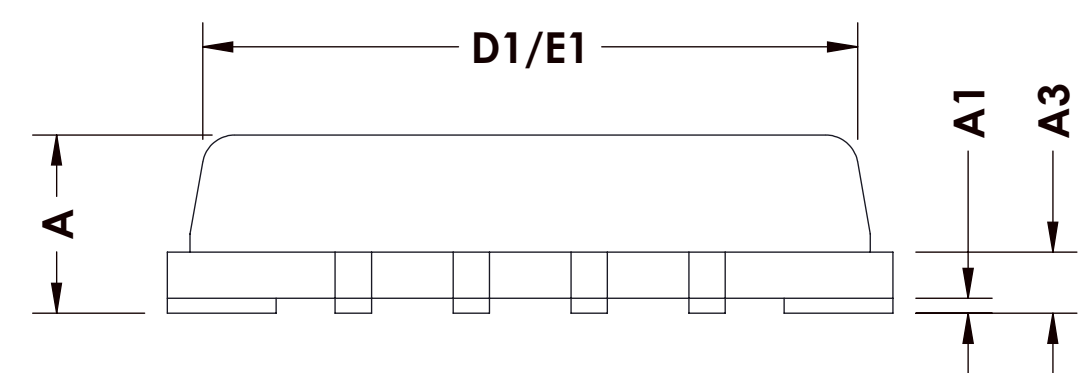
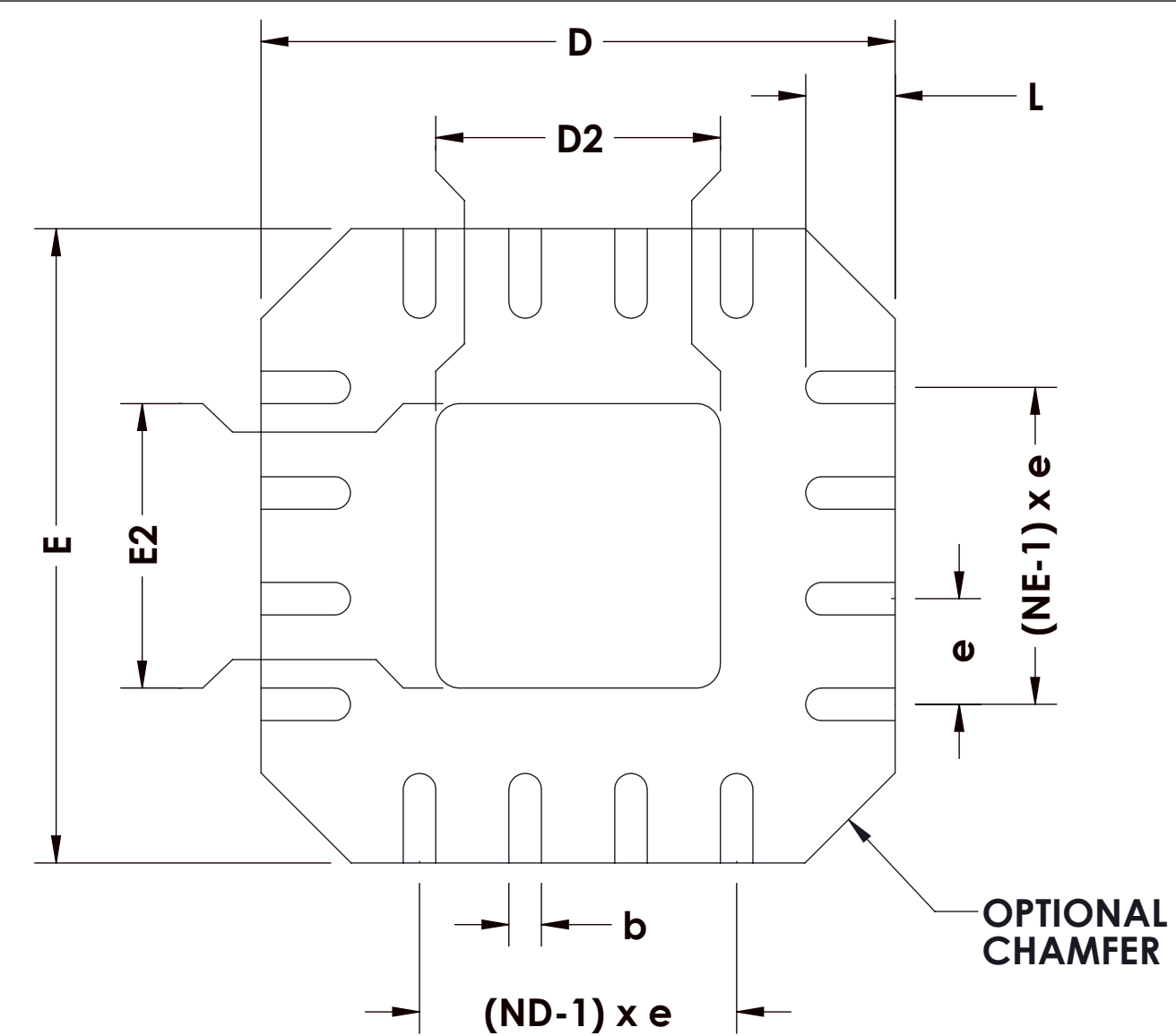
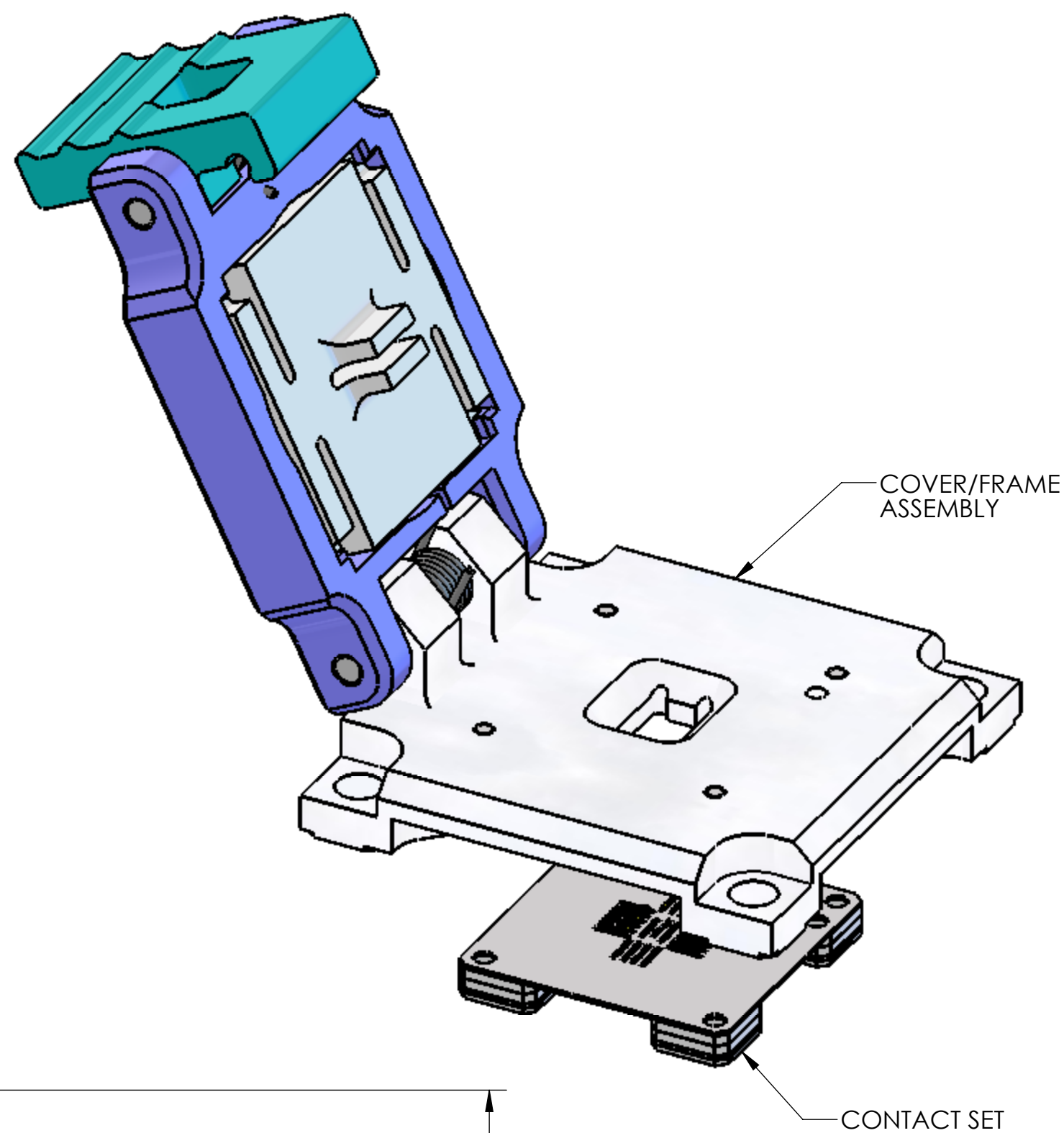
Parts List	
Part Number	Description
106458-0080	SOCKET, 20PQFN3X4-0.50, HIN
106460-0056	CS, 20PQFN3X4-0.50
101133-0001	KIT, HDW, #2-56, 5/16
101133-0002	KIT, HDW, M2 X 8.0

A	KP	Initial Design	MP	01/07/09
REV	ECO	BY	APV	DATE
		DESCRIPTION		
		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: K. Pitney		CHECKED:	APPV'D: M. Peery	
DATE: 01/07/09		DATE:	DATE: 01/07/09	
TITLE				
SOCKET, 20PQFN3X4-0.50, HINGED				
DWG. NO.		MATERIAL	REV.	
106458-0080		SEE BOM	A	
PAGE 1 OF 2				

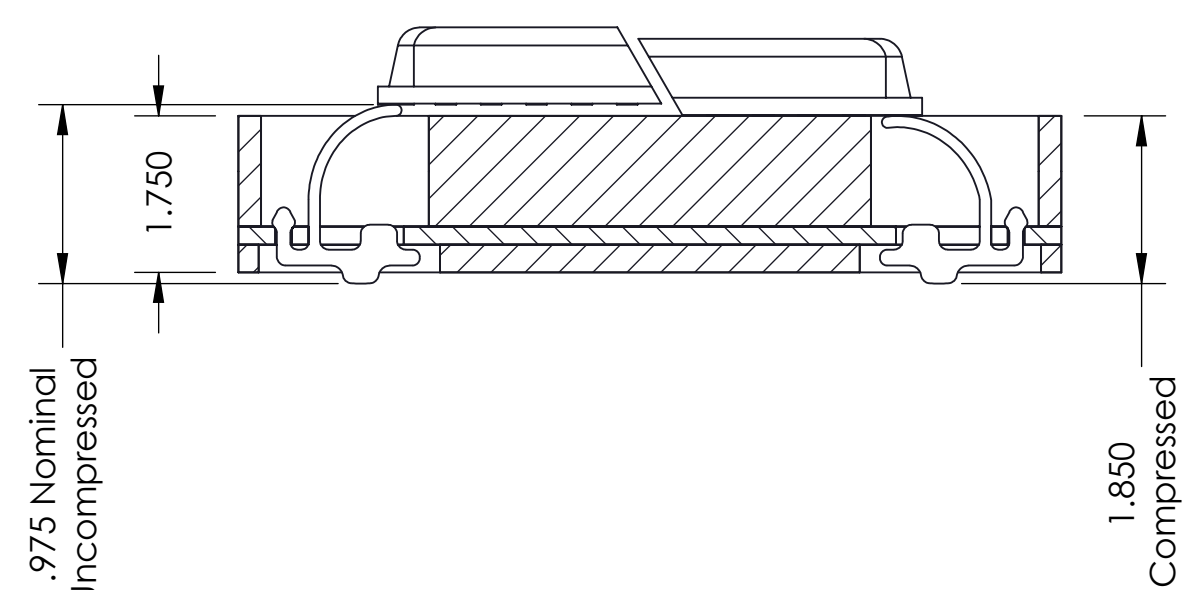
SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS

Lead Count	n	20	
Lead Count X/Y	ND/NE	4	6
Device Type		QFN (MLP, MLF)	
Package Size	D/E	3.0±0.1*	4.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	2.0 min	3.0 min
Ground Pad	D2/E2	1.5 min	2.5 min
Package Height	A	0.75-1.10	
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	

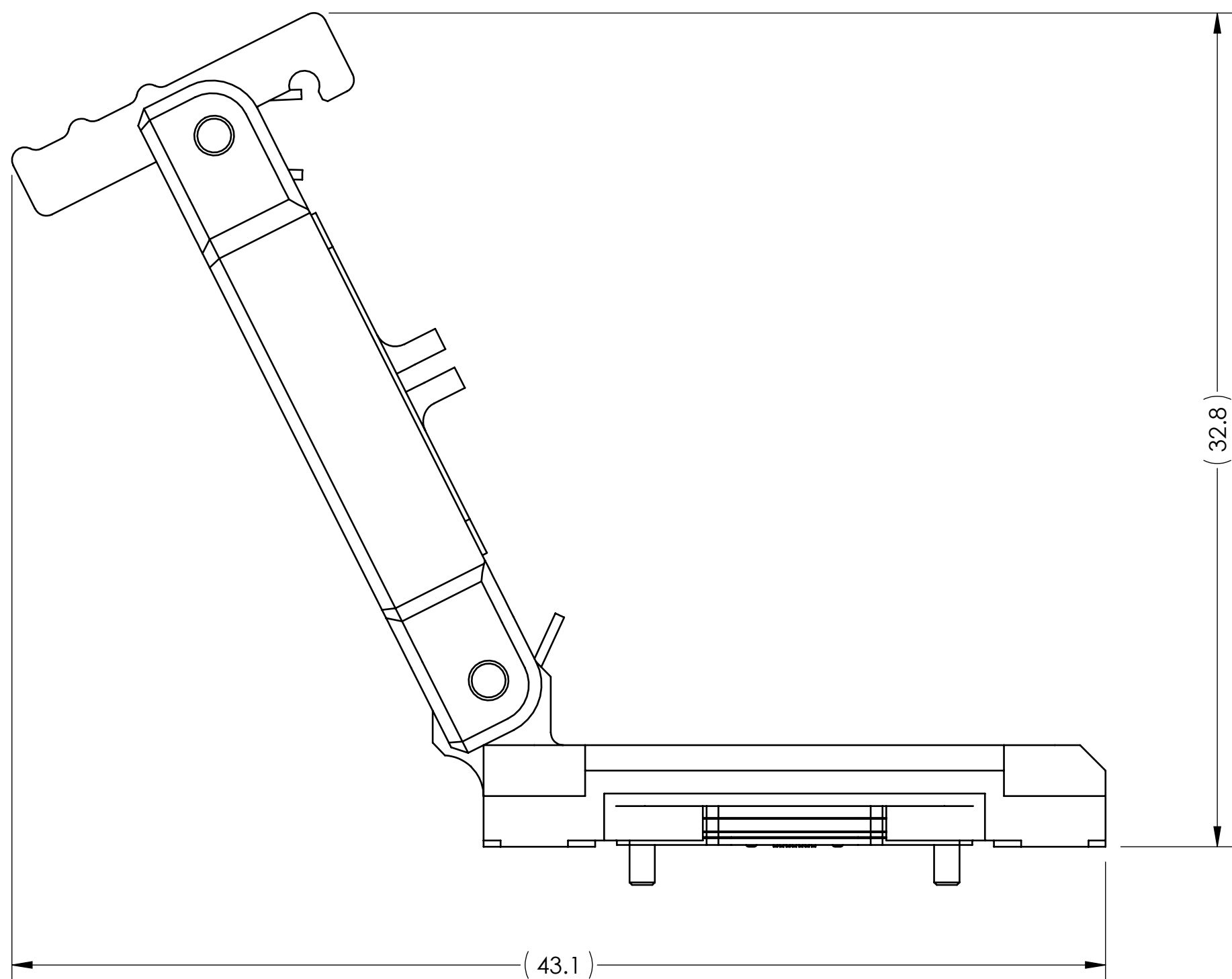
All Dimensions are in millimeters
 * Due to the potential small size of the device pads, the device opening is 0.100±0.025 larger than D and E. At maximum material conditions maximum device size, minimum connector opening) there will be an interference fit. Contact Gryphics for more details.



Generic Representation



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TITLE SOCKET, 20PQFN3X4-0.50, HINGED		
DWG. NO. 106458-0080	MATERIAL See Page 1	REV. A
		PAGE 2 OF 2