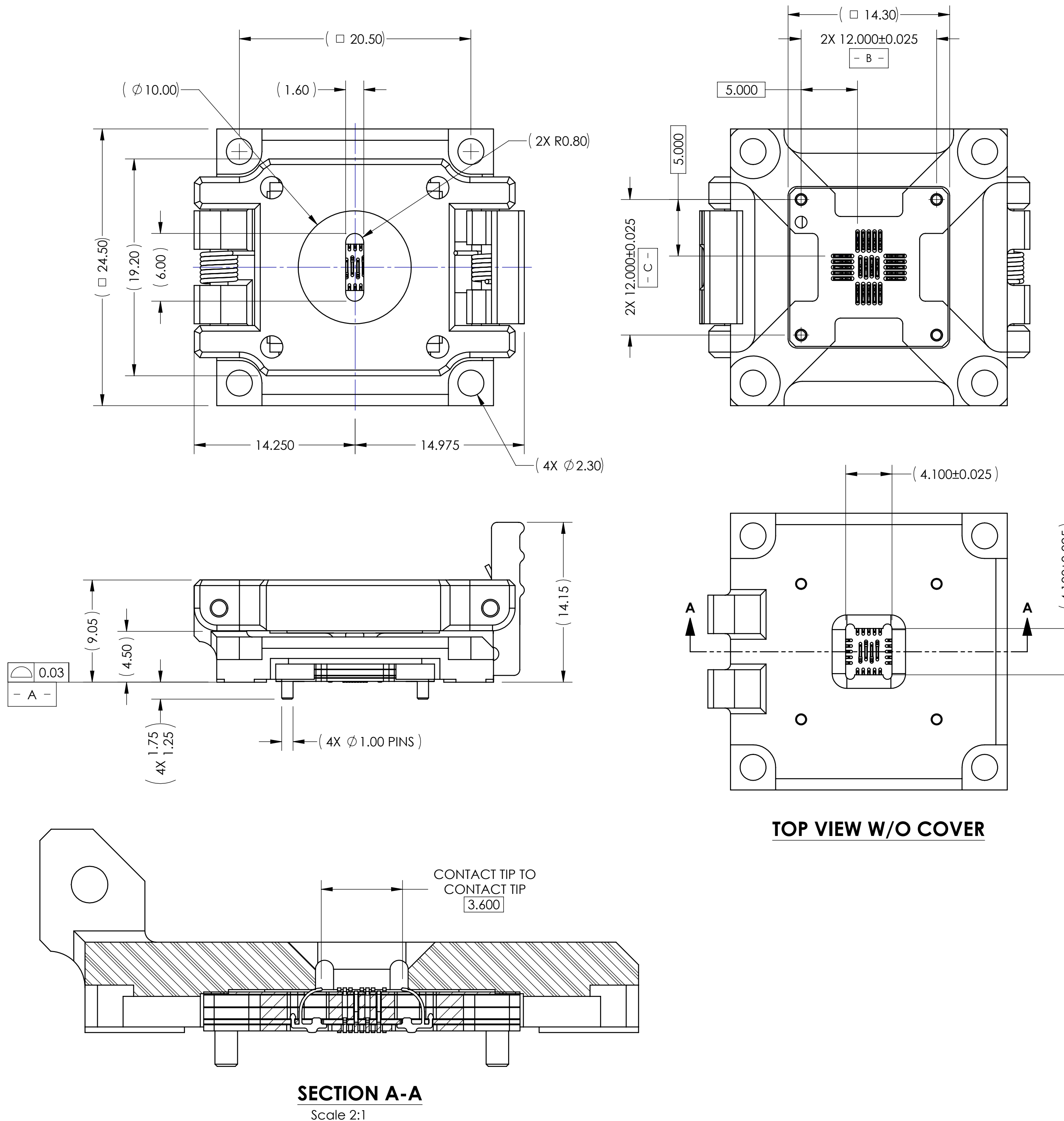


Notes:

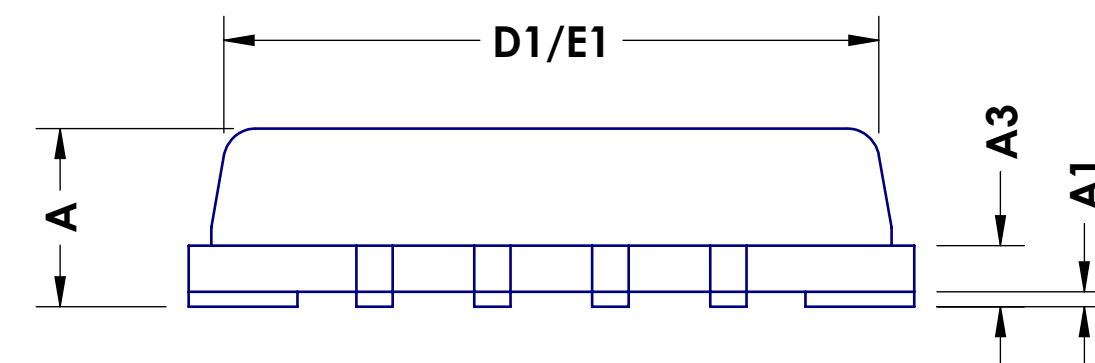
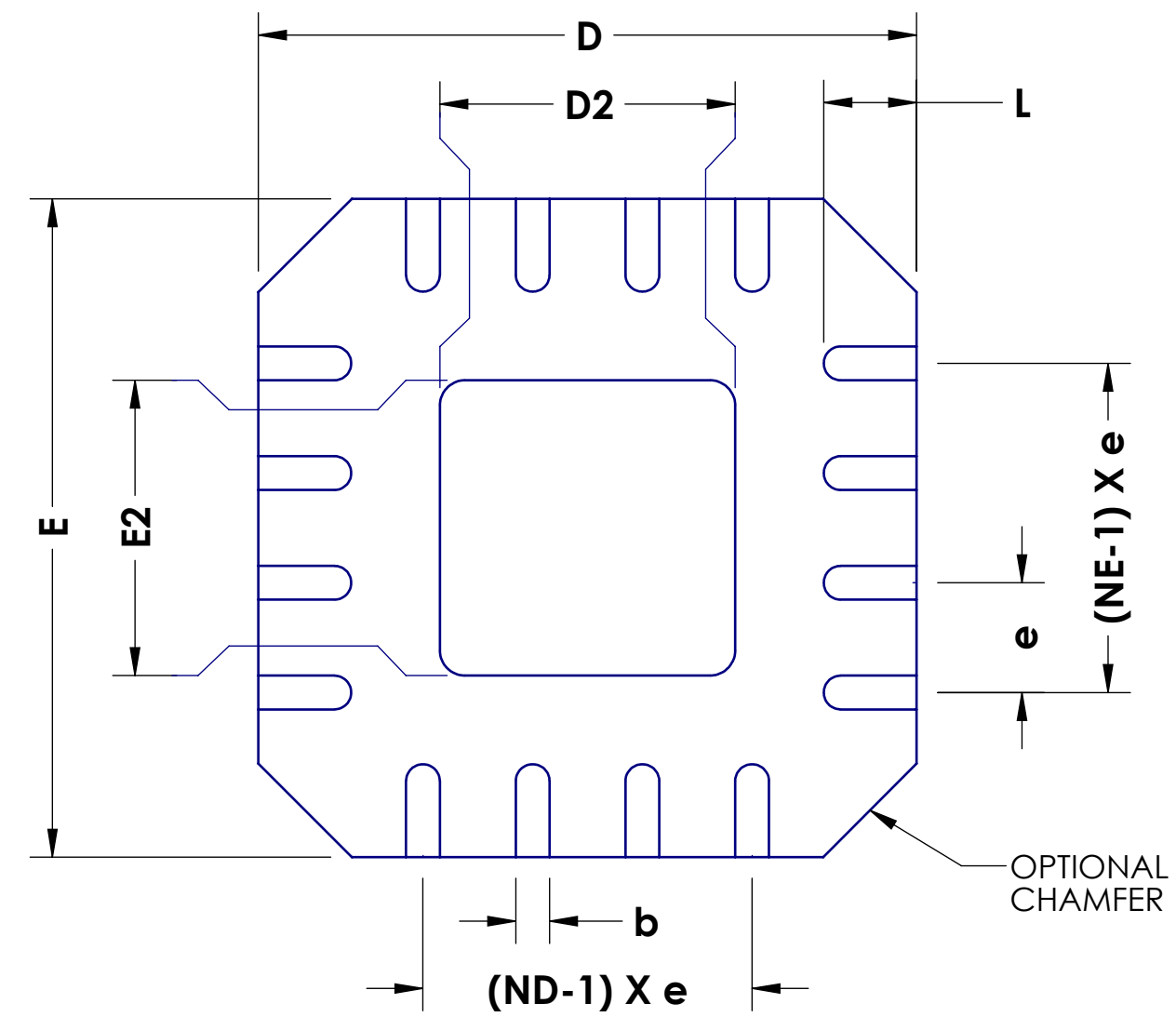
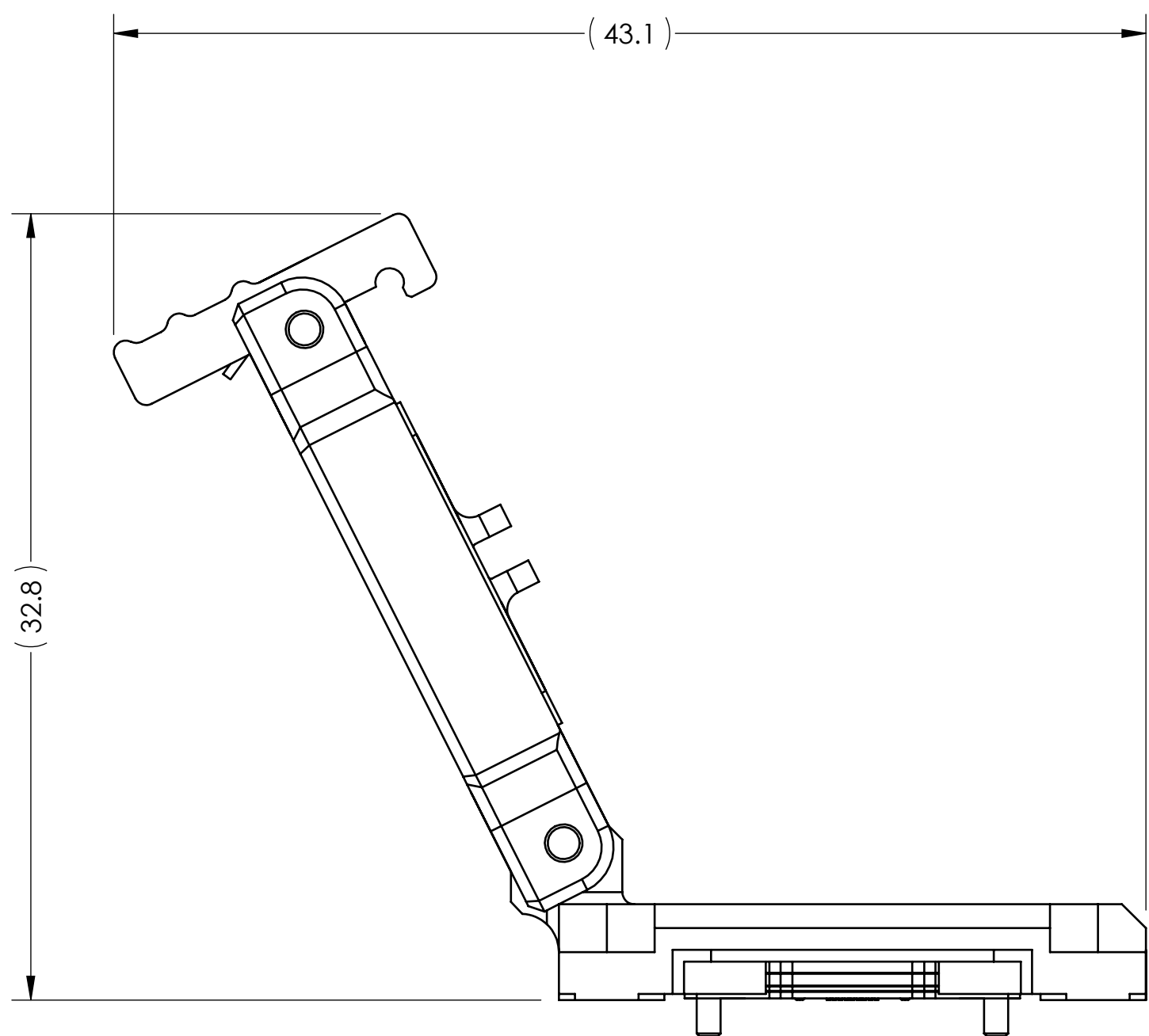
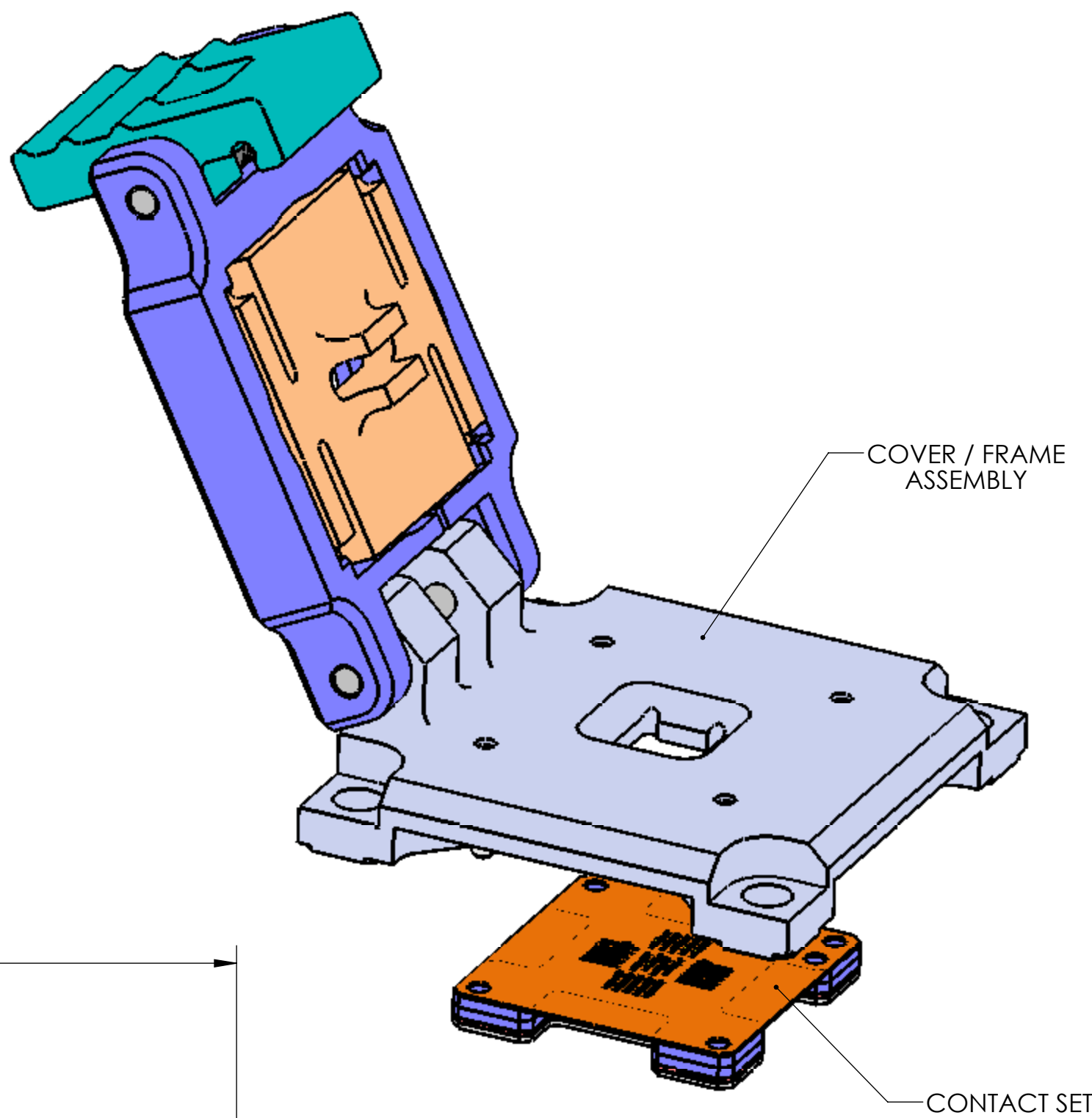
1. Includes hardware kit when shipped (items shown)
2. Tighten PCB mounting fasteners to 2-3 in-lbs (0.22-0.33 Nm)
3. Footprint part number is 100673-0001



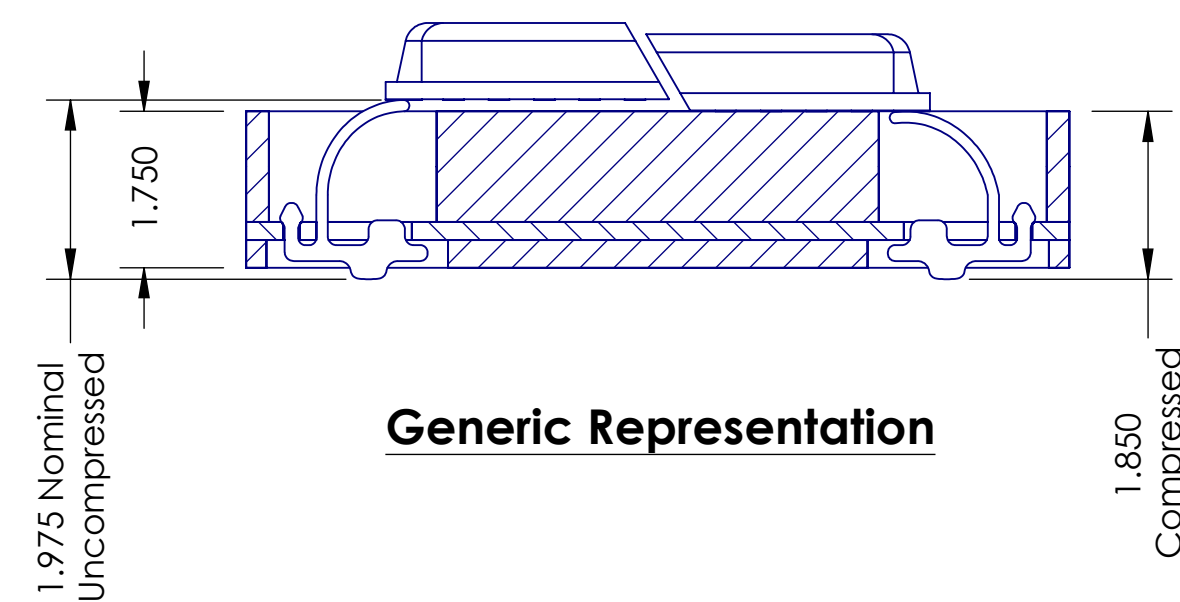
Parts List	
Part Number	Description
106458-0007	CONN, 20PQFN04-0.50, HIN
106460-0007	CS, 20PQFN04-0.50
101133-0001	KIT, HDW, #2-56, 5/16
101133-0002	KIT, HDW, M2 X 8.0

A	KP	Initial Design	MP 07/10/08
REV ECO	BY	DESCRIPTION	APV DATE
GRYPHICS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	
DO NOT SCALE DRAWING		TOLERANCES UNLESS OTHERWISE NOTED:	
		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: 07/10/08		DATE:	DATE: 07/10/08
TITLE			
CONN, 20PQFN04-0.50, HINGED			
DWG. NO.	MATERIAL	REV.	
106458-0007	SEE BOM	A	
PAGE 1 OF 1			

SOCKET FOR DEVICES WITHIN THESE SPECIFICATIONS			
Lead Count	n	20	
Lead Count X/Y	ND/NE	5	5
Device Type		QFN (MLP, MLF)	
Package Size	D/E	4.0±0.1*	4.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	3.0 min	3.0 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.			



Generic Representation



Generic Representation

GRYPHICS	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		
TITLE CONN, 20PQFN04-0.50, HINGED		
DWG. NO. 106458-0007	MATERIAL See Page 1	REV. A PAGE 2 OF 2