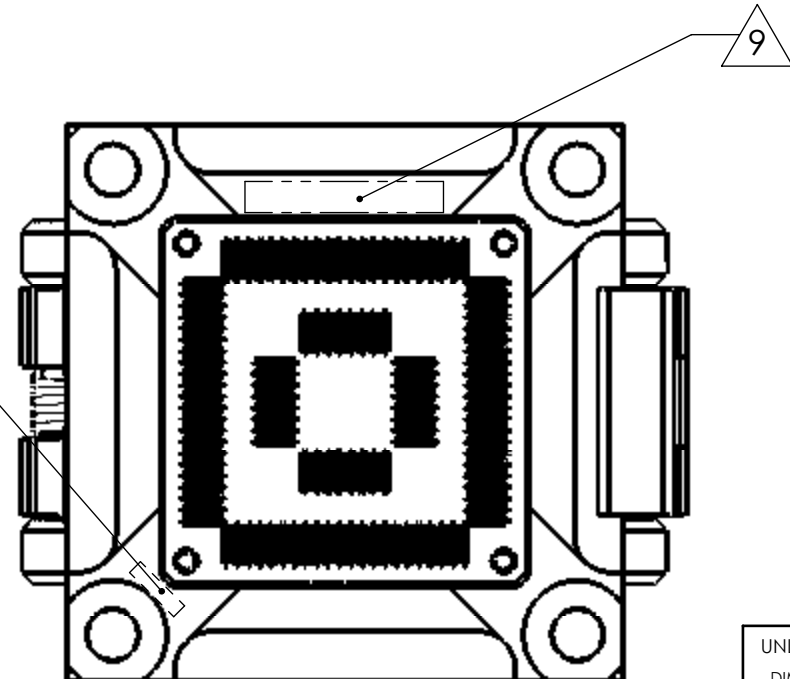
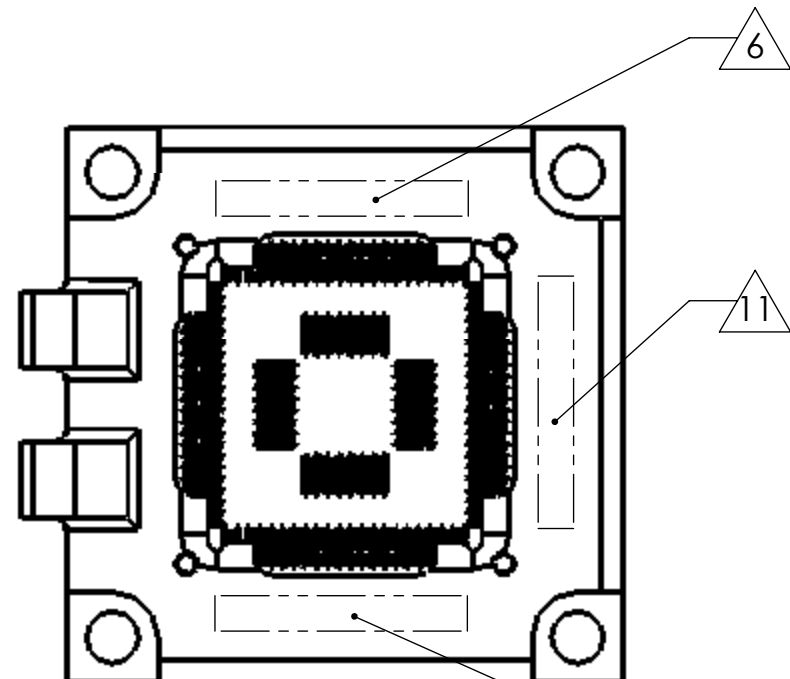
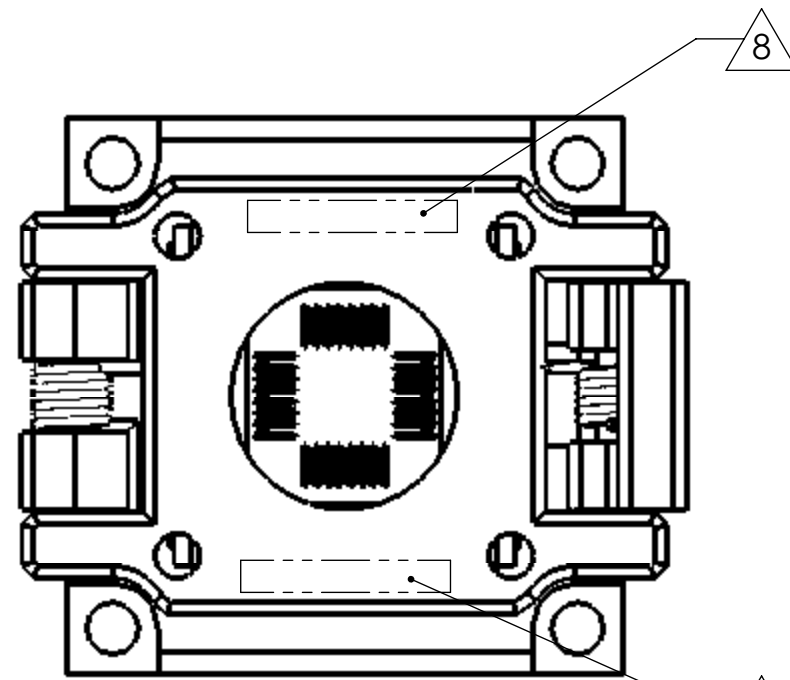
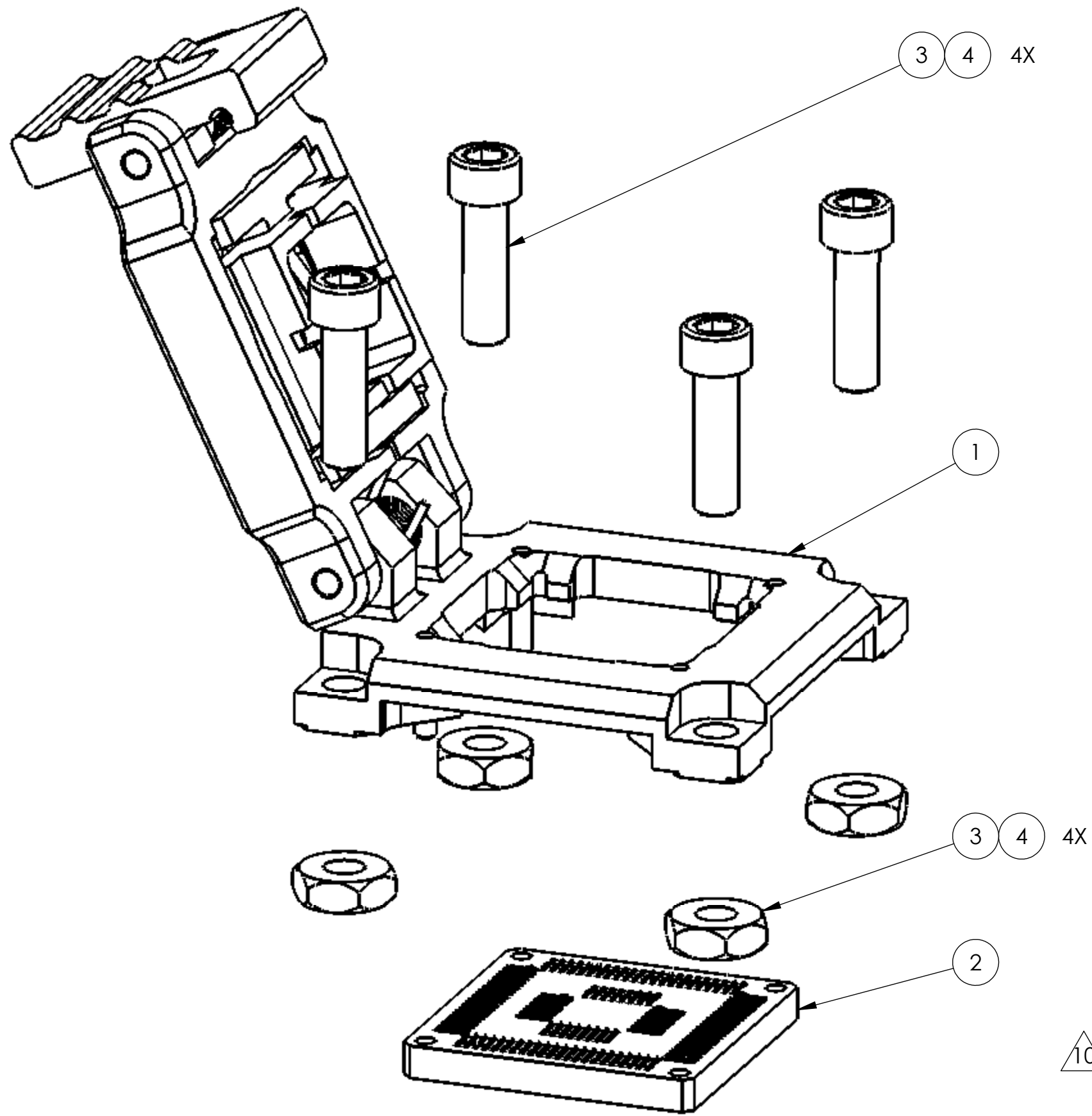


REV	ECO	BY	DESCRIPTION	APV	DATE
A		KP	Initial Design	MP	09/14/09

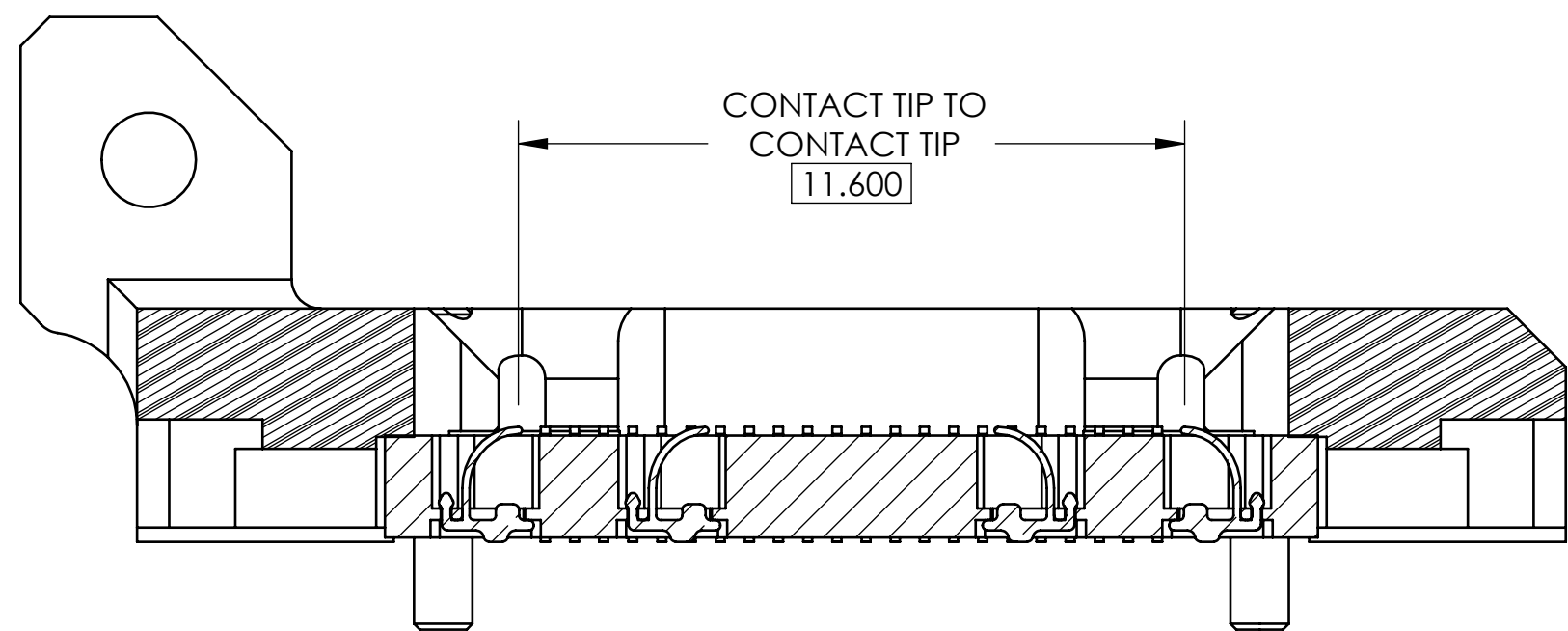
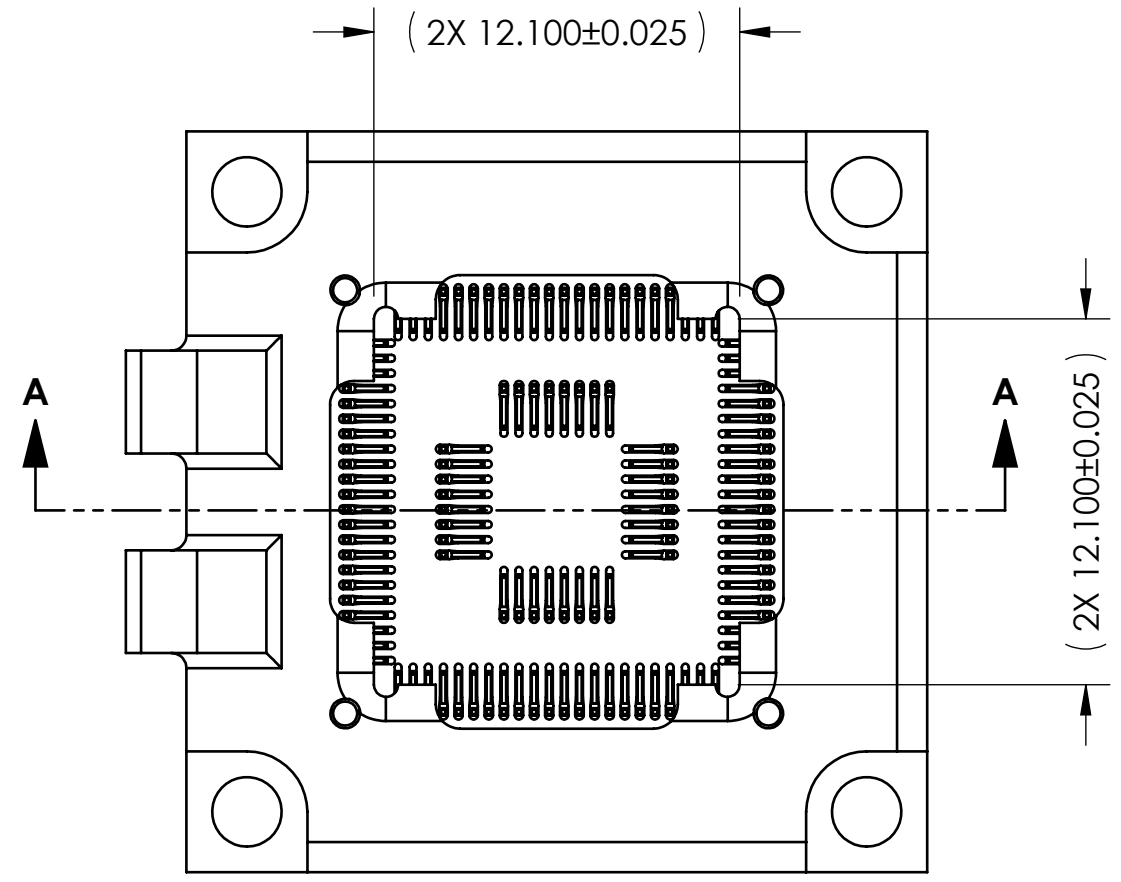
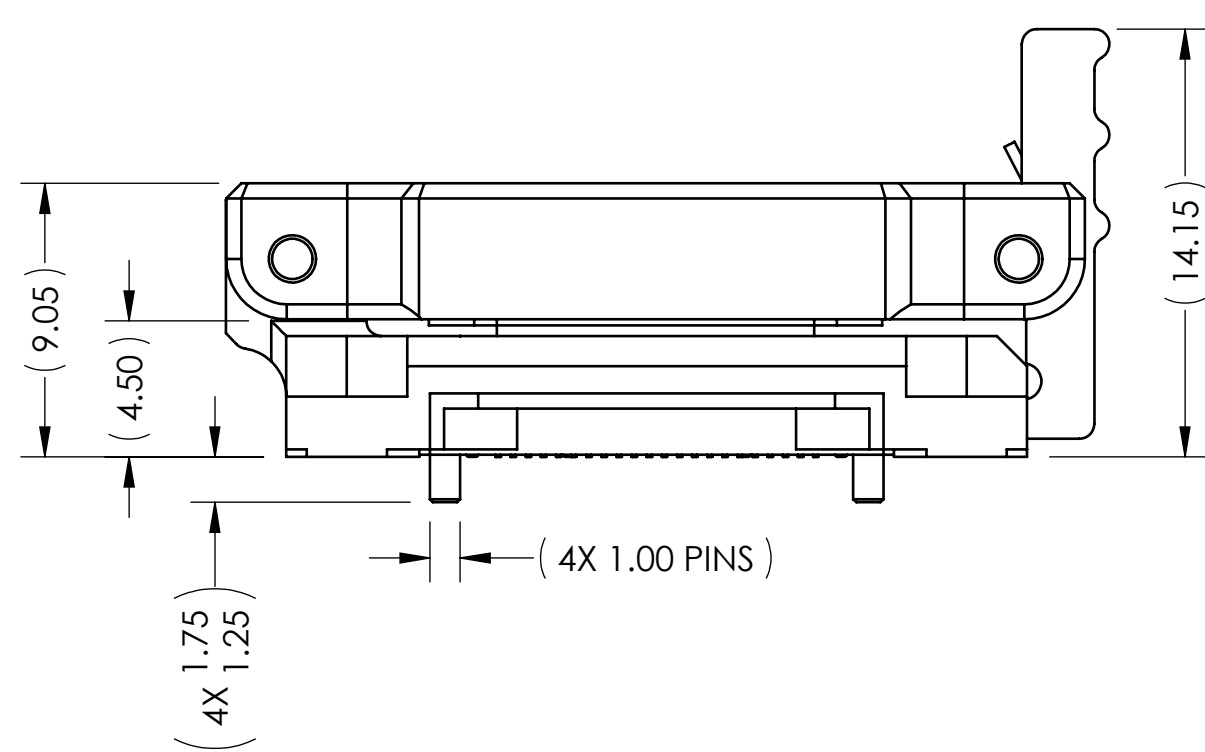
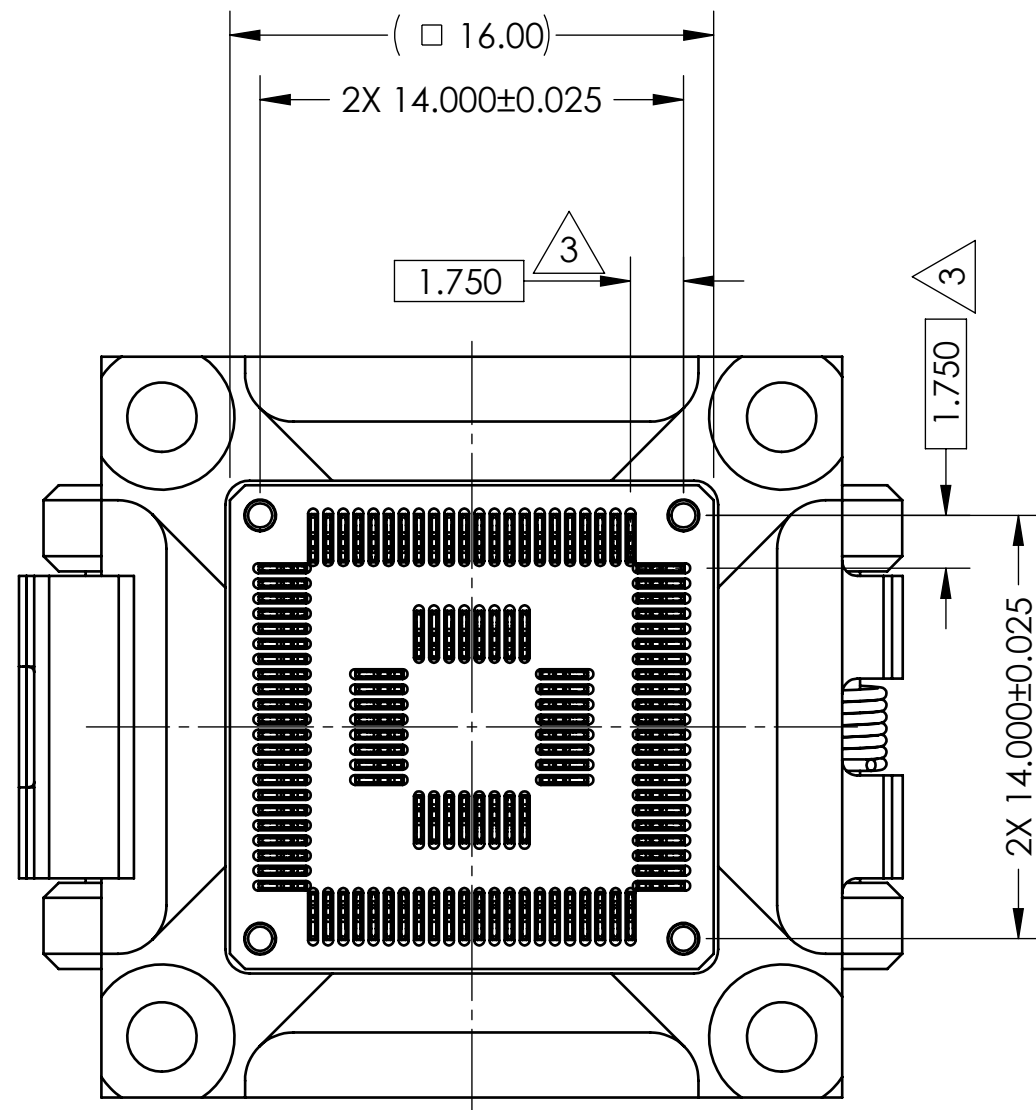
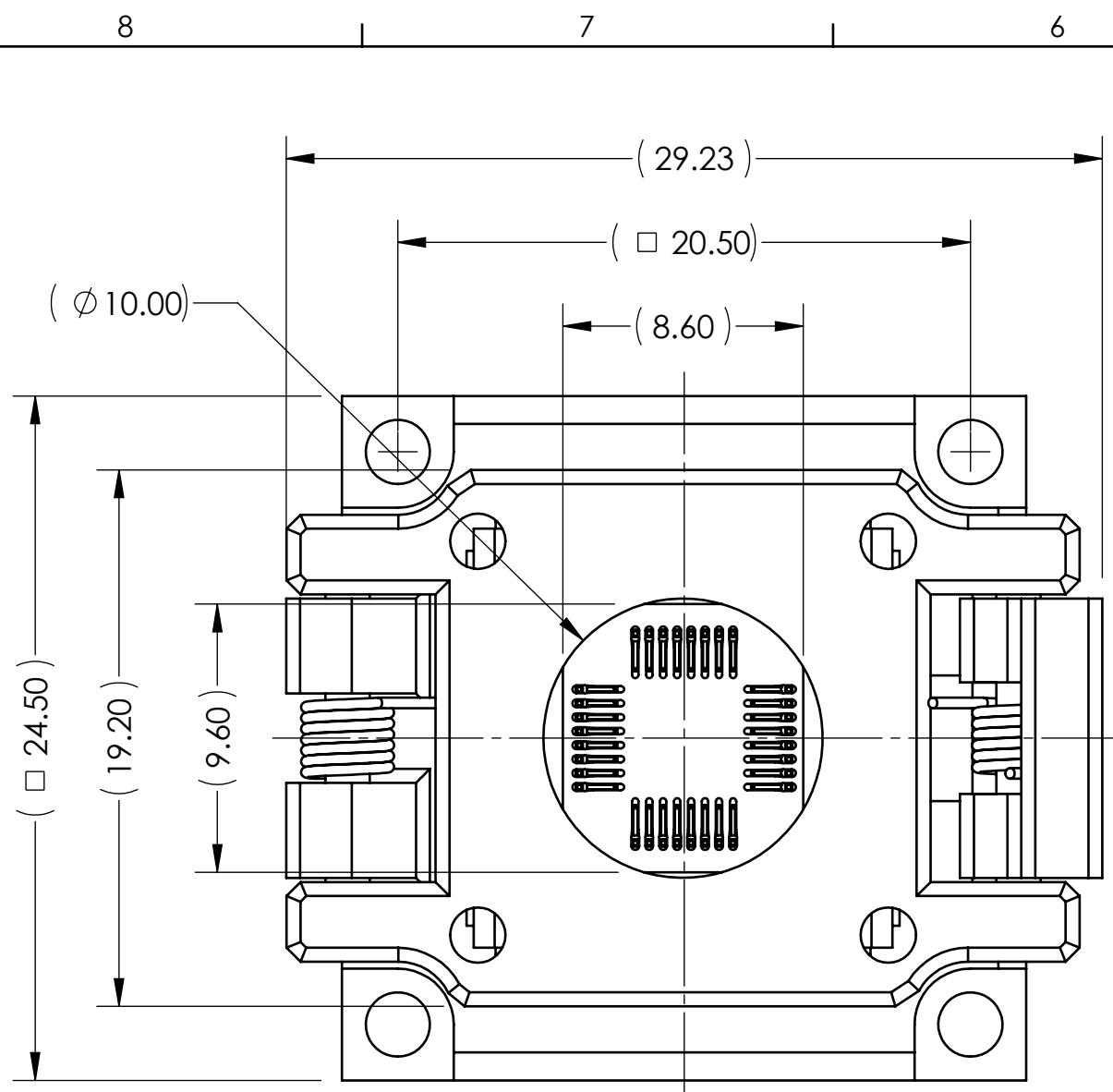


Notes:

- 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. Can be measured with elastomer removed.
- Socket is RoHS compliant.
- Minimum force applied to device at test is 4200g.
- Customer part number
- Cascade 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 106476-0026.

Parts List			
Item	Qty	Part Number	Description
0		106458-0098	SOCKET, 88PQFN12-0.50
1	1	107129-0001	ASSY, LID/FRAME,QFN12
2	1	106460-0095	CS, 88PQFN12-0.50
3	1	101133-0001	KIT, HDW, #2-56 X 5/16, 4
4	1	101133-0002	KIT, HDW, M2.0 X 8.0, 4

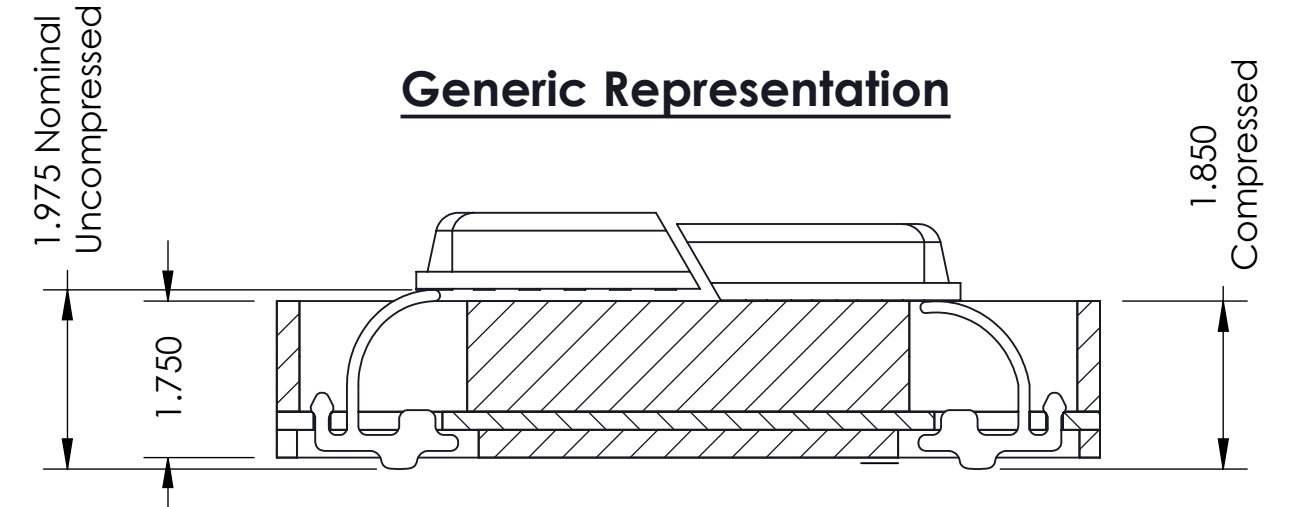
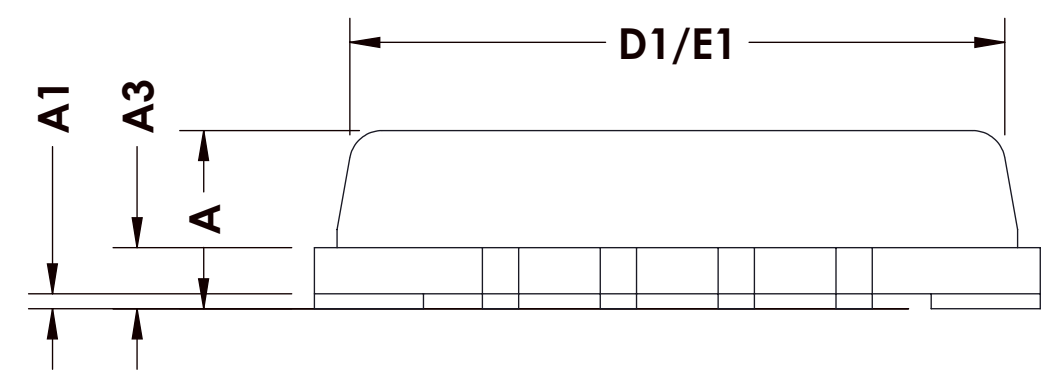
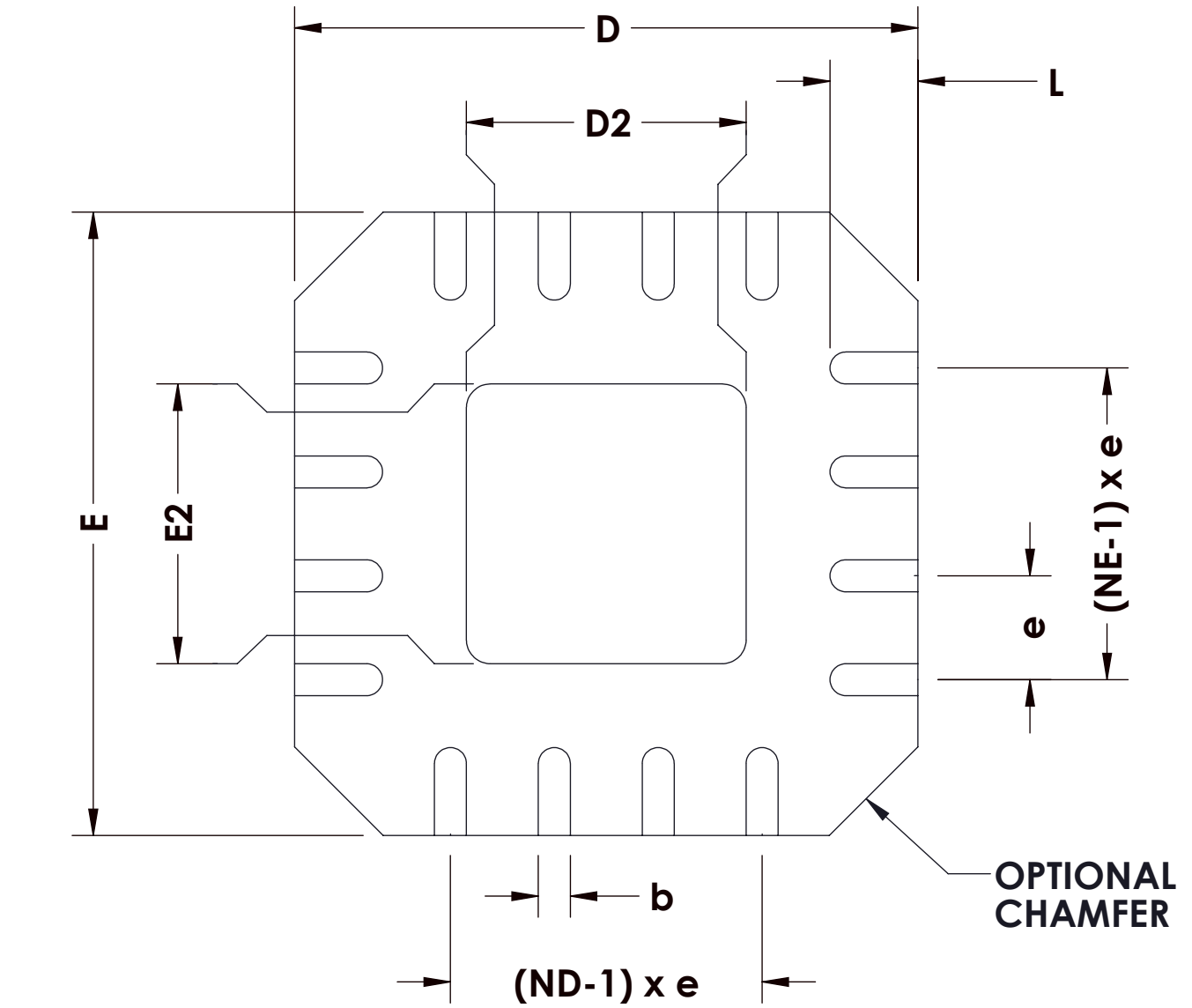
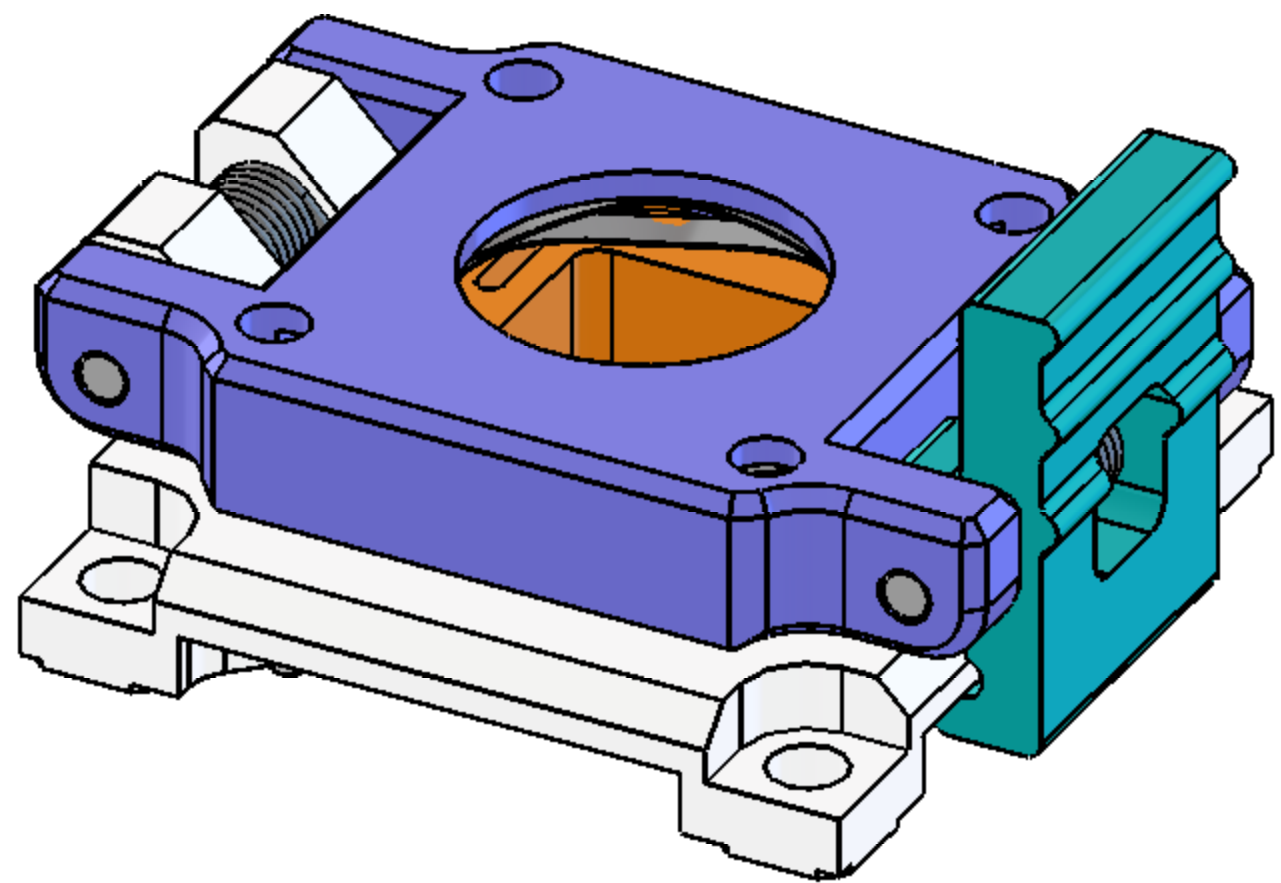
UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIM'S APPLY AFTER PLATING TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS X.X ±0.25 ANGLES X.XX ±0.10 ±1° X.XXX ±.050	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CASCADE MICROTECH, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF CASCADE MICROTECH, INC. IS PROHIBITED.		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
	CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
DRAWING APPROVALS		TITLE SCKT, 88PQFN12-0.50		
LEGEND: (X) NOTE CALLOUT (A) REVISION CHANGE (X) ITEM NUMBER		DRAWN: K. Pitney 09/14/09 APPVD: M. Peery 09/14/09		
THIRD ANGLE PROJECTION		SIZE: C CAD FORMAT: SOLIDWORKS SCALE: SEE BOM	DRAWING NO.: 106458-0098 REV.: A SHEET: 1 of 1	



SECTION A-A

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<small>UNLESS OTHERWISE SPECIFIED - DIMENSIONS ARE IN MILLIMETERS - DIM'S APPLY AFTER PLATING</small>			
<small>TOLERANCES UNLESS OTHERWISE NOTED:</small>		7115 NORTHLAND TERRACE SUITE 400 BROOKLYN PARK, MN 55428 (763) 509-0066	
<small>ANGLES ±1°</small>	<small>DECIMALS X.X ±0.25 X.XX ±0.10 X.XXX ±0.050</small>	SCKT, 88PQFN12-0.50	
<small>SIZE C</small>	<small>CAD FORMAT SOLIDWORKS</small>	<small>DRAWING NO. 106458-0098</small>	<small>REV. A</small>
<small>SCALE</small>	<small>MATERIAL</small>	<small>See Page 1</small>	<small>SHEET 2 of 3</small>

SOCKET FOR DEVICES THAT ARE WITHIN THESE SPECIFICATIONS			
Lead Count	n	88	
Lead Count X/Y	ND/NE	22	22
Device Type		QFN (MLP, MLF)	
Package Size	D/E	12.0±0.1*	12.0±0.1*
Pitch	e	0.50	
Encapsulant Size	D1/E1	11.0 min	11.0 min
Ground Pad	D2/E2	6.5 min	6.5 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

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UNLESS OTHERWISE SPECIFIED
 - DIMENSIONS ARE IN MILLIMETERS
 - DIM'S APPLY AFTER PLATING

TOLERANCES UNLESS OTHERWISE NOTED: DECIMALS
 ANGLES X.X ±0.25
 ±1° X.XX ±0.10
 X.XXX ±.050

CASCADE MICROTECH

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

SCKT, 88PQFN12-0.50

SIZE	CAD FORMAT	DRAWING NO.	REV.
C	SOLIDWORKS	106458-0098	A
SCALE	MATERIAL	See Page 1	SHEET 3 of 3