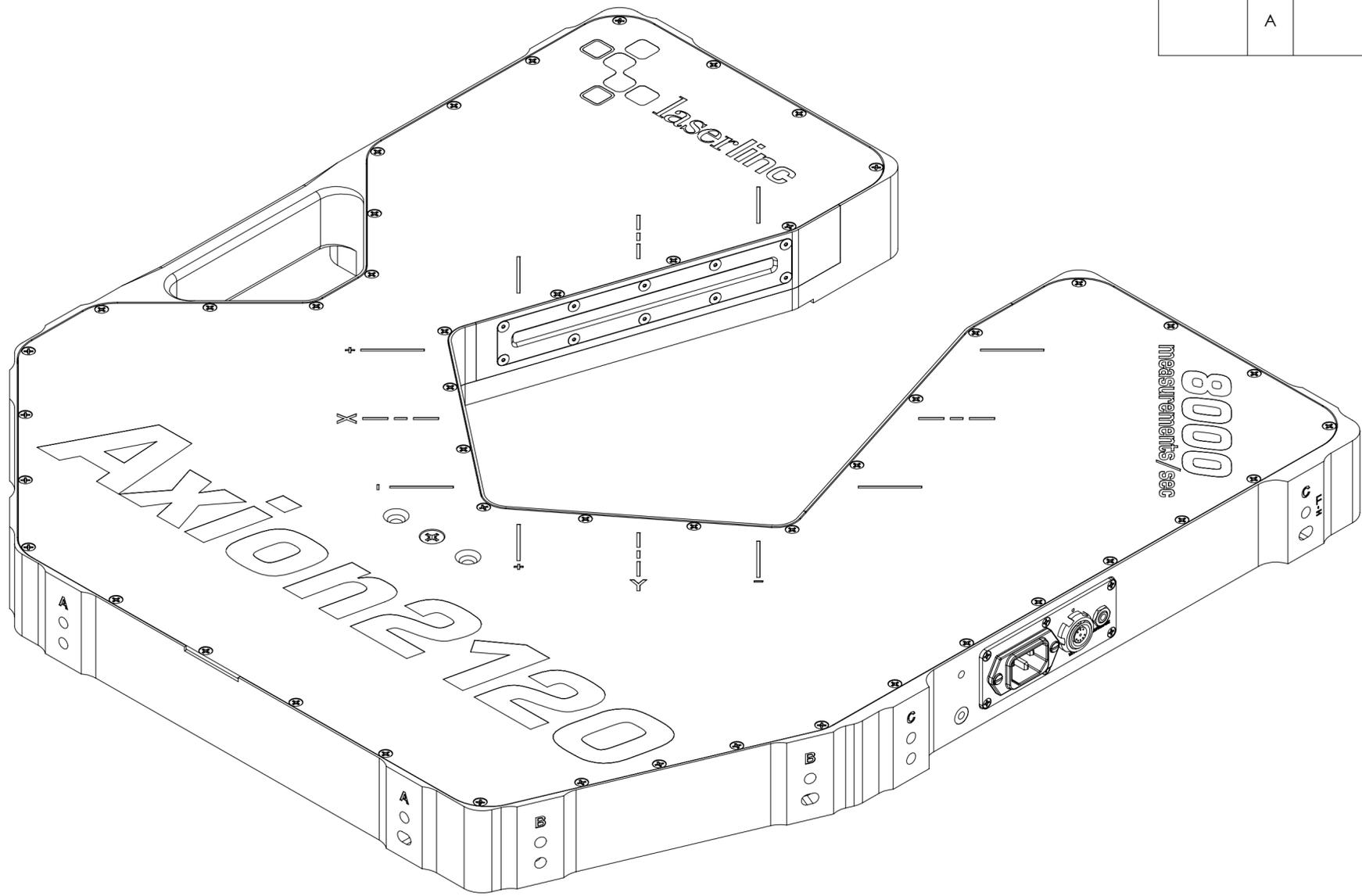


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CHECK-IN	11/15/2011	MAM



**2120-0001-00**  
**AXION2120, DUAL-AXIS**  
**DATA MICROMETER**  
**OVERALL MOUNTING**  
**DIMENSIONS**

- NOTES:**
- APPROX. WEIGHT: 38 LBS [17.2KG]
  - POWER REQUIREMENTS: 100-240 VAC 50/60 HZ 50 W. MAX
  - MEASUREMENTS PER SECOND (Hz): 3200 [1600 PER AXIS] 8000 [4000 PER AXIS] (OPTIONAL)
  - RESOLUTION: .000001" [.025µm]
  - REPEATABILITY? UN-AVERAGED: ±.0022" [±56µm]
  - REPEATABILITY? TWO SECOND: ±.00004" [±1.0µm]

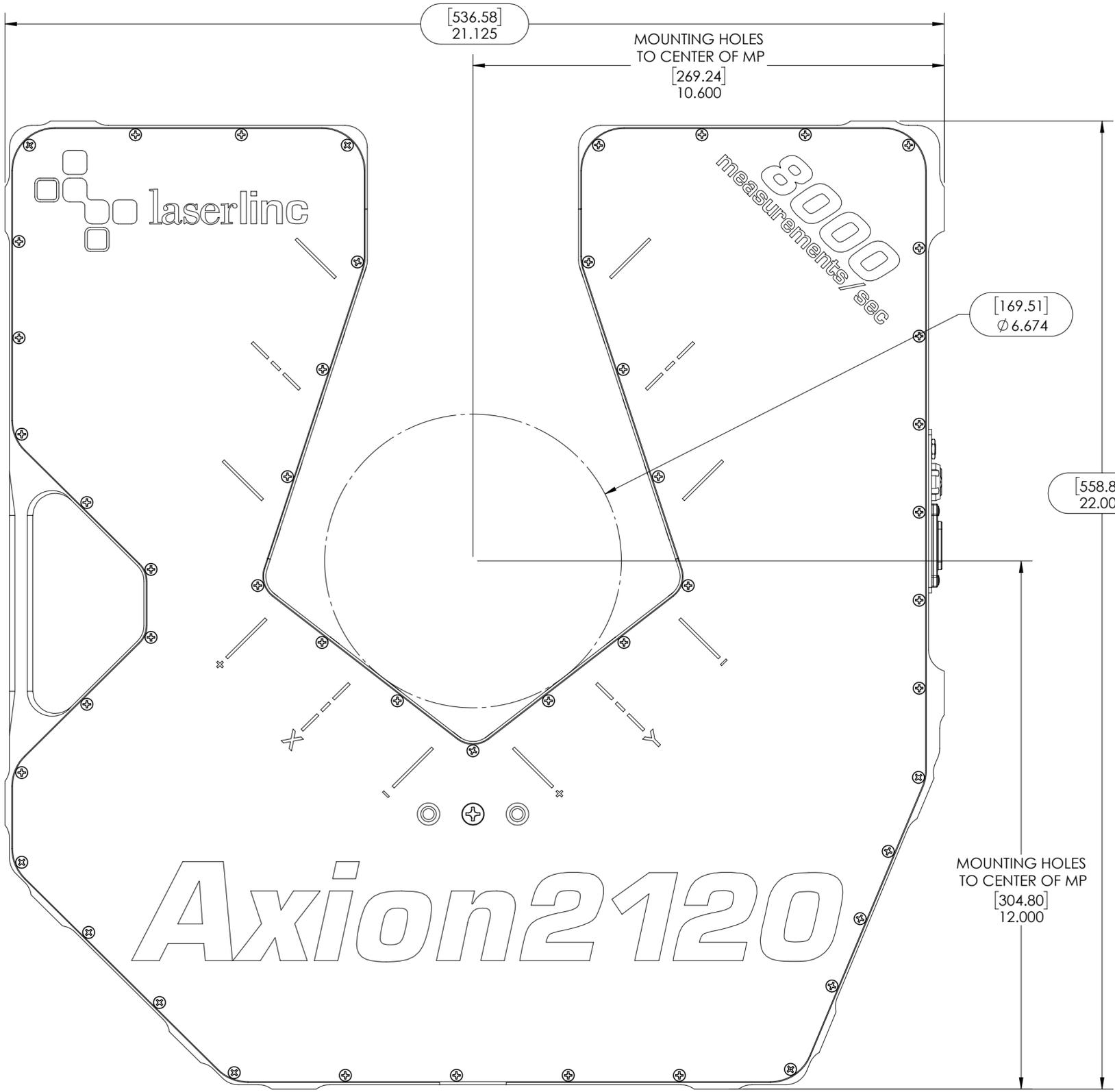
**INDEX**

(1)	COVER PAGE
(2)	DIMENSIONS
(3)	DIMENSIONS 2
(4)	DIMENSIONS 3

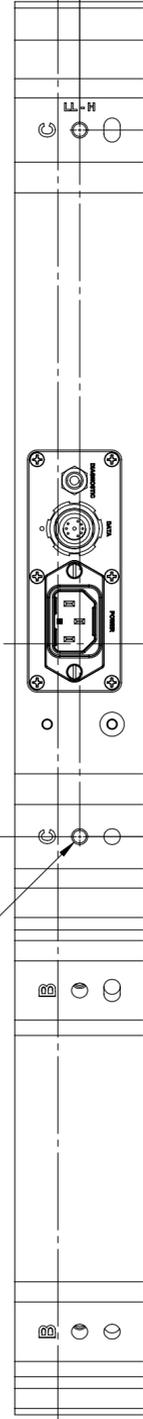
<b>GENERAL FINISH NOTE</b> DE-BURR AND BREAK ALL SHARP EDGES BEFORE FINISH AND/OR SHIPPING PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LASERLINC, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF LASERLINC, INC IS PROHIBITED.	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL: ±0.010 THREE PLACE DECIMAL: ±0.005 FOUR PLACE DECIMAL: ±0.0005 ANGLES: ±.25° UNMARKED FILLETS/ROUNDS R.0625 DE-BURR ALL PARTS INTERPRET GEOMETRIC TOLERANCING PER:	NAME: MAM DATE: 11/15/2011 DRAWN BY:	LaserLinc, Inc. Phone: 888-707-4892 Info@laserlinc.com www.laserlinc.com
	MATERIAL: FINISH: DO NOT SCALE DRAWING	63 RA SURFACE FINISH ALL FEATURES MUST MEET SPECIFICATION AFTER PLATING BEFORE POWDER-COAT IF PLATED OR POWDER-COATED SEE FINISH MACHINE ALL SURFACES	TITLE: 2120-0001-00 Axion2120, Dual-Axis Data Micrometer Overall Mounting Dimensions
		REV: A SHEET 1 OF 4	

8 7 6 5 4 3 2 1

H G F E D C B A



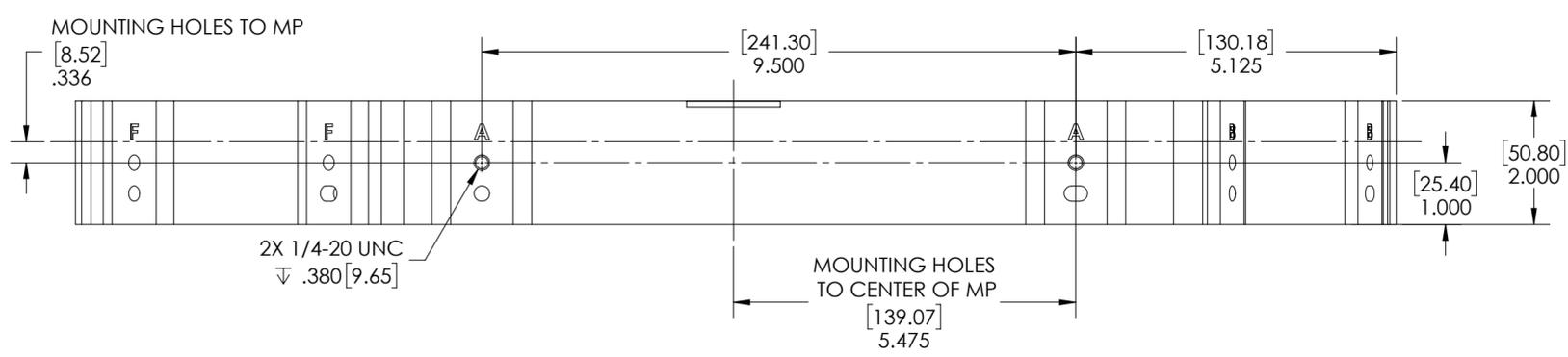
MOUNTING HOLES TO MP  
 [8.52] .336 [25.40] 1.000



MOUNTING HOLES TO CENTER OF MP  
 [76.20] 3.000

2X 1/4-20 UNC  
 ∇ .380 [9.65]

MOUNTING HOLES TO CENTER OF MP  
 [304.80] 12.000



NOTES:  
 • MP = MEASUREMENT PLANE

**GENERAL FINISH NOTE**  
**DE-BURR AND BREAK**  
**ALL SHARP EDGES**  
**BEFORE FINISH AND/OR**  
**SHIPPING**

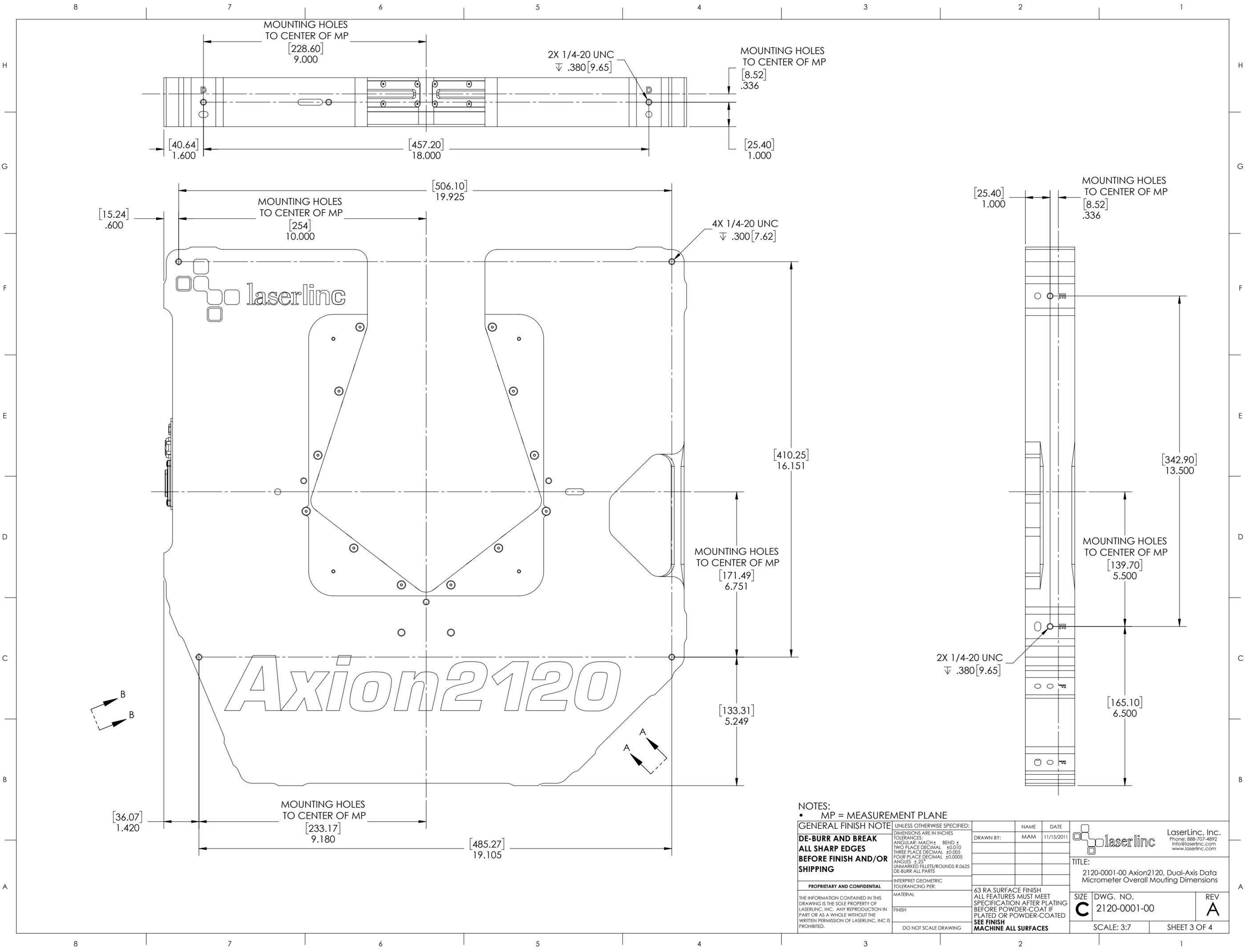
UNLESS OTHERWISE SPECIFIED:  
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 TOLERANCES:  
 ANGULAR: MACH ± BEND ±  
 TWO PLACE DECIMAL: ±0.010  
 THREE PLACE DECIMAL: ±0.005  
 FOUR PLACE DECIMAL: ±0.0005  
 ANGLES ±.25°  
 UNMARKED FILLETS/ROUNDS R.0625  
 DE-BURR ALL PARTS

INTERPRET GEOMETRIC TOLERANCING PER:  
 MATERIAL:  
 FINISH:  
 DO NOT SCALE DRAWING

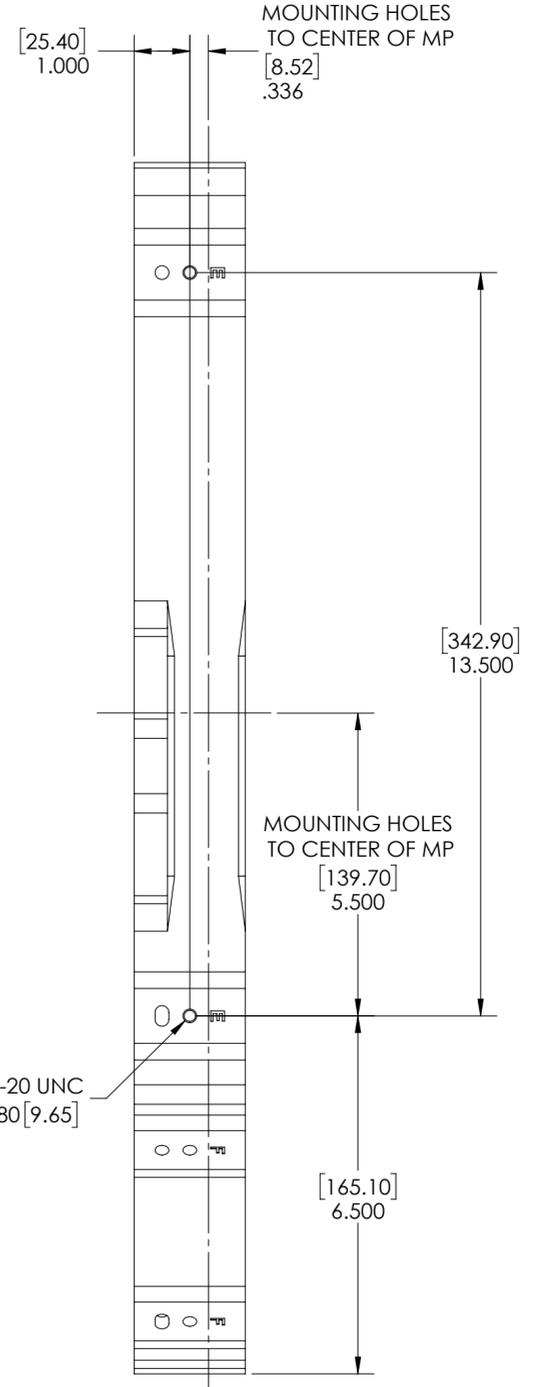
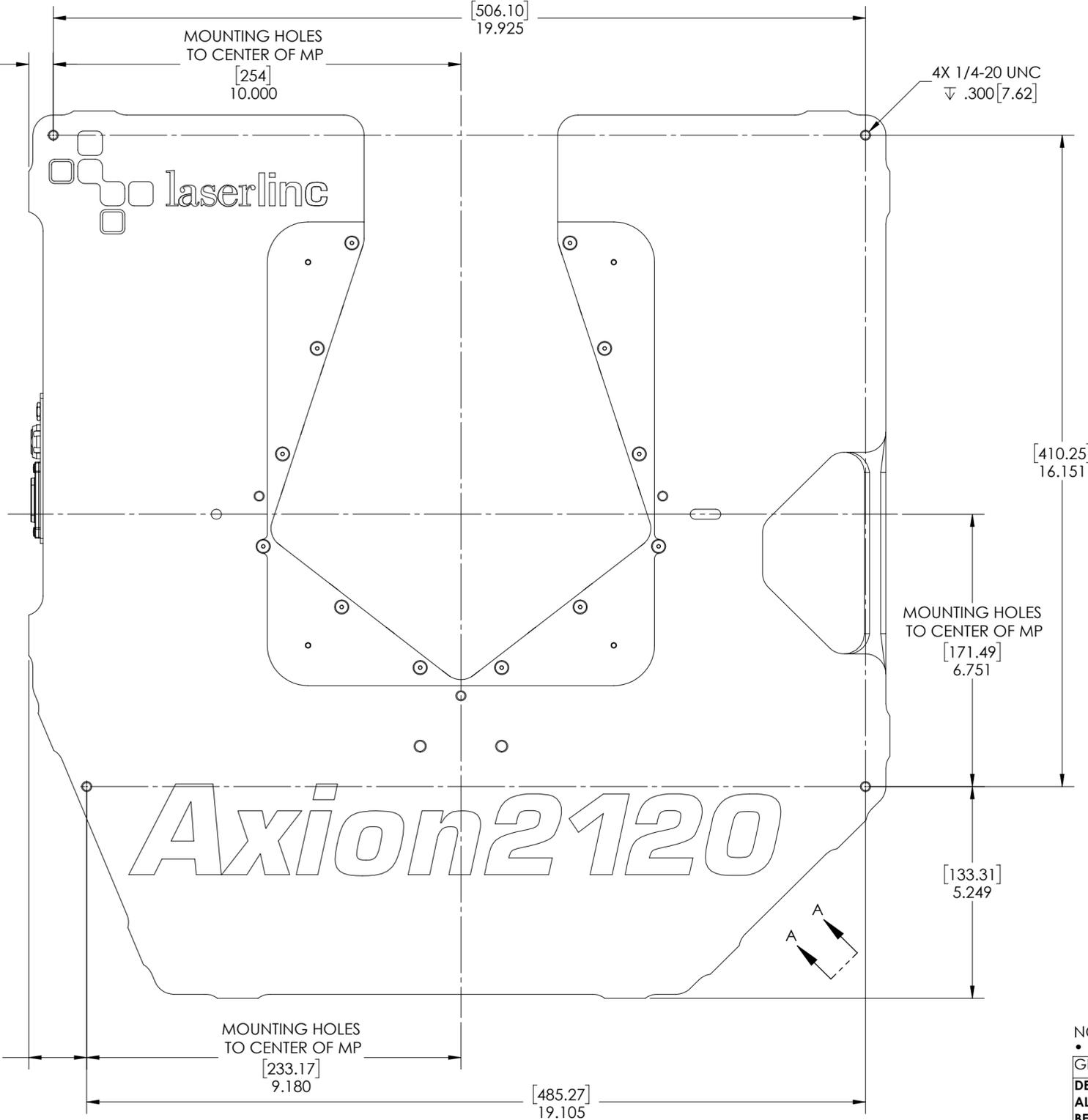
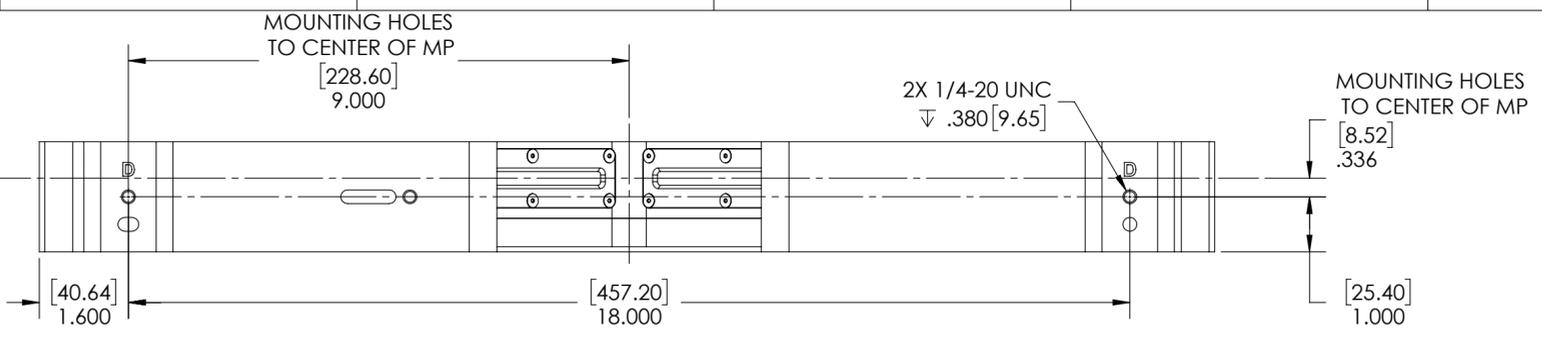
63 RA SURFACE FINISH  
 ALL FEATURES MUST MEET SPECIFICATION AFTER PLATING BEFORE POWDER-COAT IF PLATED OR POWDER-COATED  
**SEE FINISH MACHINE ALL SURFACES**

NAME	MAM	DATE	11/15/2011
LaserLinc, Inc. Phone: 888-707-4892 Info@laserlinc.com www.laserlinc.com			
TITLE: 2120-0001-00 Axion2120, Dual-Axis Data Micrometer Overall Mounting Dimensions			
SIZE	DWG. NO.	REV	
C	2120-0001-00	A	
SCALE: 1:2		SHEET 2 OF 4	

8 7 6 5 4 3 2 1



[15.24]  
.600



NOTES:  
• MP = MEASUREMENT PLANE

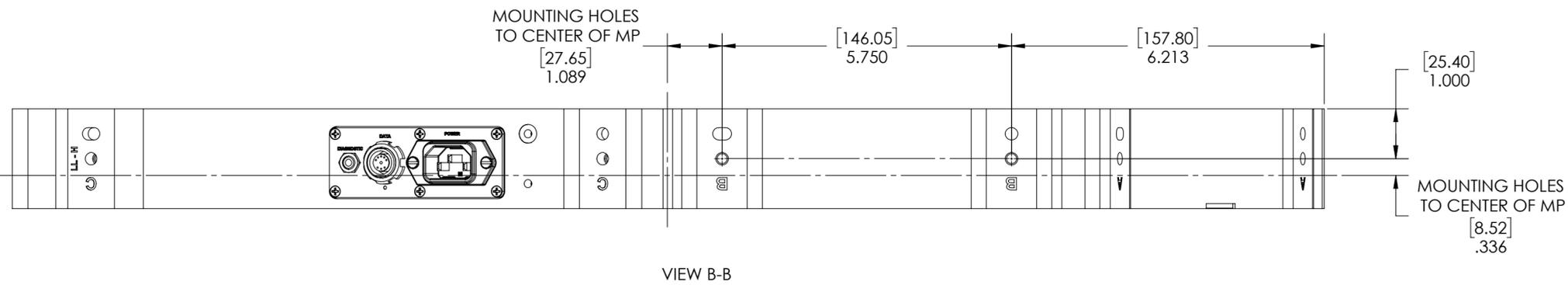
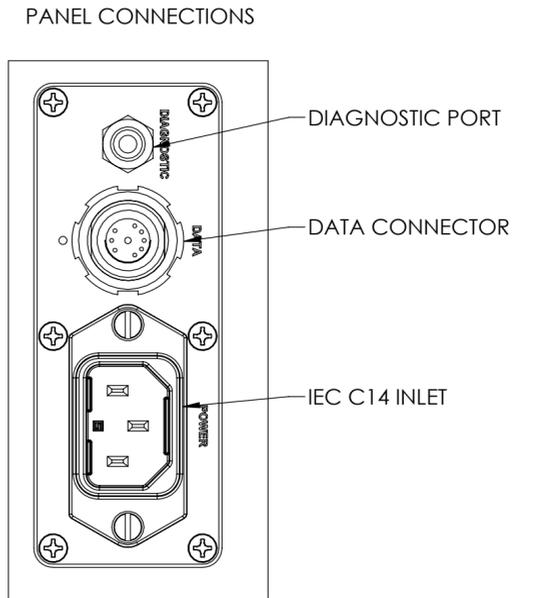
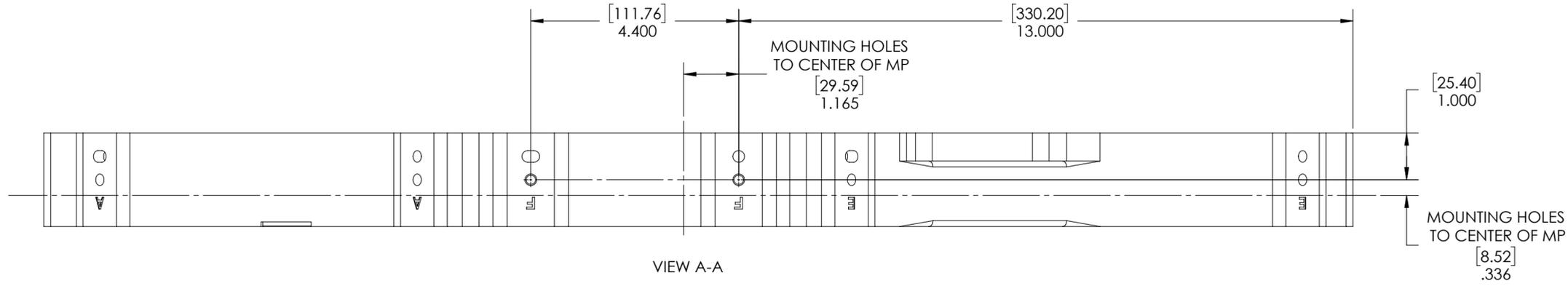
**GENERAL FINISH NOTE**  
**DE-BURR AND BREAK**  
**ALL SHARP EDGES**  
**BEFORE FINISH AND/OR**  
**SHIPPING**

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		DRAWN BY:	MAM 11/15/2011
TOLERANCES:			
ANGULAR: MACH ± BEND ±			
TWO PLACE DECIMAL: ±0.010			
THREE PLACE DECIMAL: ±0.005			
FOUR PLACE DECIMAL: ±0.0005			
ANGLES: ±.25°			
UNMARKED FILLETS/ROUNDS R.0625			
DE-BURR ALL PARTS			
INTERPRET GEOMETRIC TOLERANCING PER:			

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63 RA SURFACE FINISH  
ALL FEATURES MUST MEET SPECIFICATION AFTER PLATING BEFORE POWDER-COAT IF PLATED OR POWDER-COATED  
**SEE FINISH MACHINE ALL SURFACES**

LaserLinc, Inc. Phone: 888-707-4892 Info@laserlinc.com www.laserlinc.com	
TITLE: 2120-0001-00 Axion2120, Dual-Axis Data Micrometer Overall Mouting Dimensions	
SIZE <b>C</b>	DWG. NO. 2120-0001-00
SCALE: 3:7	REV <b>A</b>
SHEET 3 OF 4	



NOTES:

- MP = MEASUREMENT PLANE

<b>GENERAL FINISH NOTE</b>		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS TOLERANCES: ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.125 FOUR PLACE DECIMAL ±0.0125 ANGLES ±25° UNMARKED FILLETS/ROUNDS R1.588 DE-BURR ALL PARTS	DRAWN BY: MAM	NAME: MAM	DATE: 11/15/2011	 <b>LaserLinc, Inc.</b> Phone: 888-707-4892 info@laserlinc.com www.laserlinc.com
<b>DE-BURR AND BREAK ALL SHARP EDGES BEFORE FINISH AND/OR SHIPPING</b>		INTERPRET GEOMETRIC TOLERANCING PER:	TITLE: 2120-0001-00 Axion2120, Dual-Axis Data Micrometer Overall Mounting Dimensions			
<b>PROPRIETARY AND CONFIDENTIAL</b>		MATERIAL:	63 RA SURFACE FINISH ALL FEATURES MUST MEET SPECIFICATION AFTER PLATING BEFORE POWDER-COAT IF PLATED OR POWDER-COATED <b>SEE FINISH MACHINE ALL SURFACES</b>			SIZE: <b>C</b> DWG. NO.: 2120-0001-00 REV: <b>A</b>
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