

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CHECK-IN	5/1/2015	MAM

0203-0001-00 AXION203, DUAL-AXIS DATA MICROMETER OVERALL DIMENSIONS

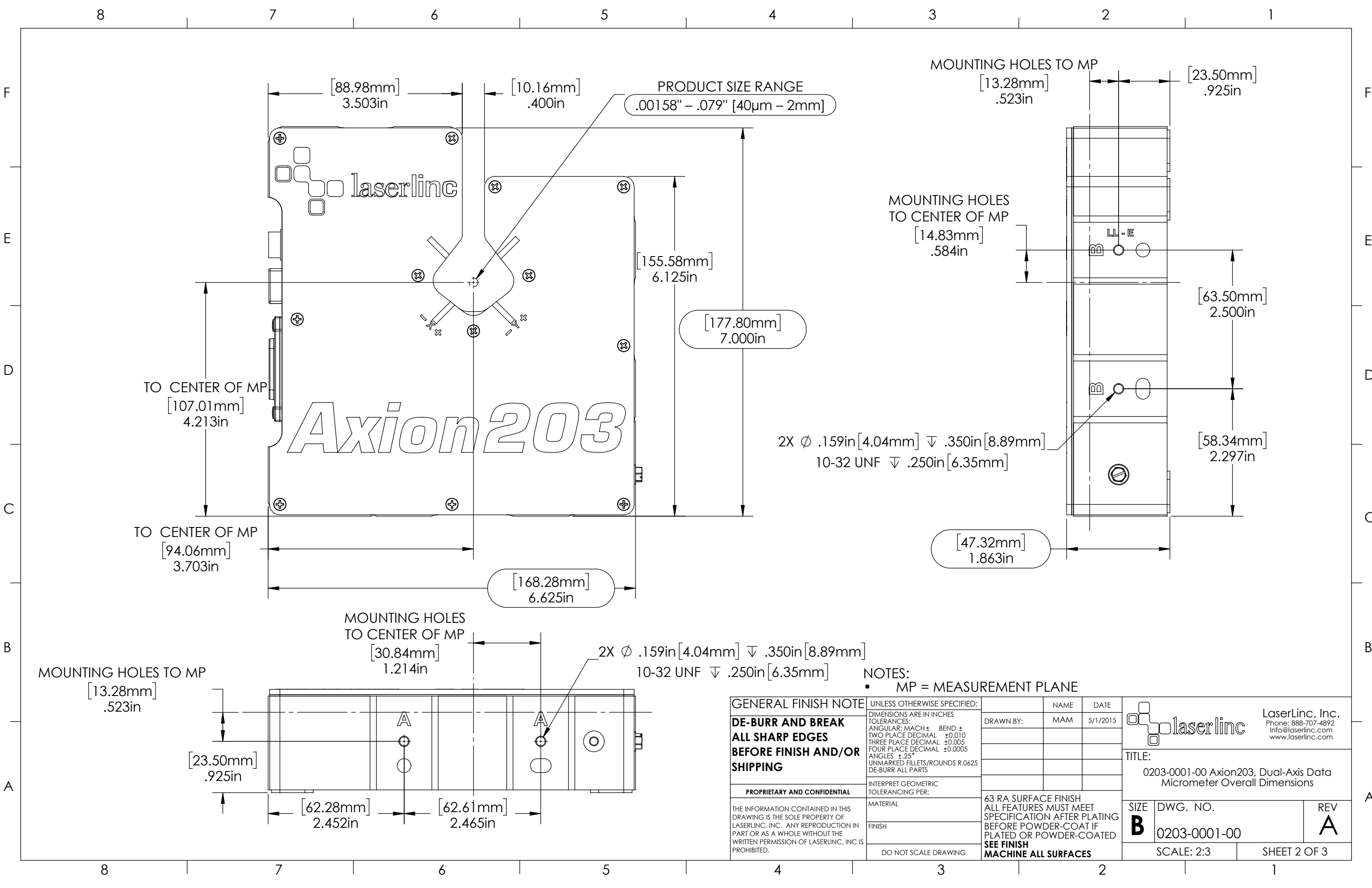
- NOTES:**
- APPROX. WEIGHT: 6 LBS [2.7KG]
 - POWER REQUIREMENTS: 100-240 VAC 50/60 Hz 50 W MAX.
 - MEASUREMENTS PER SECOND (Hz): "2400 [1200 PER AXIS]4800 [2400 PER AXIS](OPTIONAL)
 - RESOLUTION: .000001" [.025µm]
 - REPEATABILITY² UN-AVERAGED: ±.0001" [±2.5µm]
 - REPEATABILITY² TWO SECOND: ±.000005" [±.125µm]

INDEX

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

GENERAL FINISH NOTE		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DE-BURR AND BREAK ALL SHARP EDGES BEFORE FINISH AND/OR SHIPPING		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		DRAWN BY:	MAM 5/1/2015
PROPRIETARY AND CONFIDENTIAL		INTERPRET GEOMETRIC TOLERANCING PER:		LaserLinc, Inc. Phone: 888-707-4892 info@laserline.com www.laserline.com	
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.		MATERIAL			
		FINISH		SIZE	DWG. NO.
		DO NOT SCALE DRAWING		B	0203-0001-00
				REV	A
				SCALE: 1:1	SHEET 1 OF 3

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

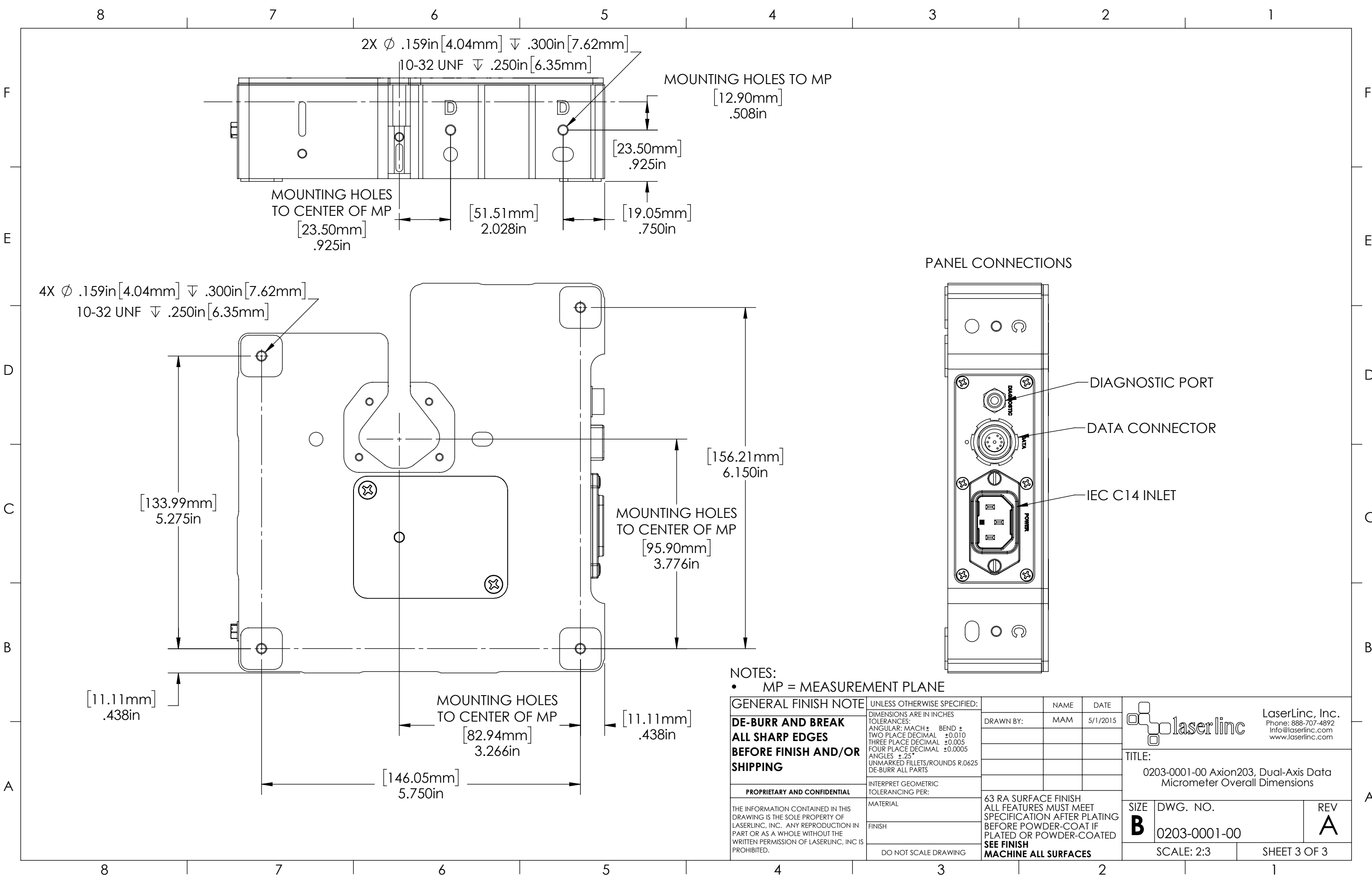


PRODUCT SIZE RANGE
 .00158" - .079" [40µm - 2mm]

2X Ø .159in [4.04mm] ∇ .350in [8.89mm]
 10-32 UNF ∇ .250in [6.35mm]

NOTES:
 • MP = MEASUREMENT PLANE

GENERAL FINISH NOTE DE-BURR AND BREAK ALL SHARP EDGES BEFORE FINISH AND/OR SHIPPING	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	 LaserLinc, Inc. Phone: 888-707-4892 info@laserlinc.com www.laserlinc.com
	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	DRAWN BY:	MAM	
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	MATERIAL:	63 RA SURFACE FINISH ALL FEATURES MUST MEET SPECIFICATION AFTER PLATING BEFORE POWDER-COAT IF PLATED OR POWDER-COATED SEE FINISH MACHINE ALL SURFACES		
	FINISH:			
DO NOT SCALE DRAWING				



2X ϕ .159in [4.04mm] ∇ .300in [7.62mm]
 10-32 UNF ∇ .250in [6.35mm]

MOUNTING HOLES TO MP
 [12.90mm]
 .508in

MOUNTING HOLES
 TO CENTER OF MP
 [23.50mm]
 .925in

[51.51mm]
 2.028in

[19.05mm]
 .750in

4X ϕ .159in [4.04mm] ∇ .300in [7.62mm]
 10-32 UNF ∇ .250in [6.35mm]

[133.99mm]
 5.275in

[156.21mm]
 6.150in

MOUNTING HOLES
 TO CENTER OF MP
 [95.90mm]
 3.776in

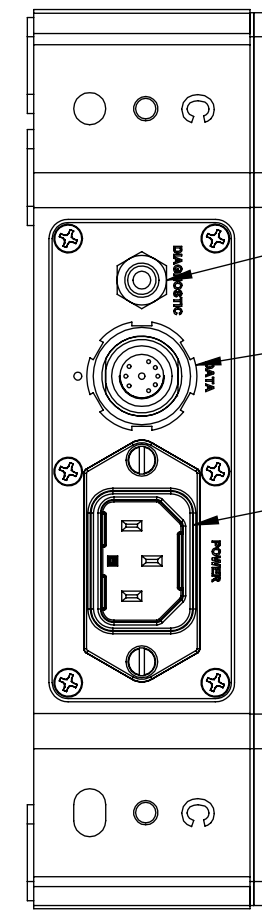
[11.11mm]
 .438in

MOUNTING HOLES
 TO CENTER OF MP
 [82.94mm]
 3.266in

[11.11mm]
 .438in

[146.05mm]
 5.750in

PANEL CONNECTIONS



DIAGNOSTIC PORT
 DATA CONNECTOR
 IEC C14 INLET

NOTES:
 • MP = MEASUREMENT PLANE

GENERAL FINISH NOTE DE-BURR AND BREAK ALL SHARP EDGES BEFORE FINISH AND/OR SHIPPING	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	NAME DATE DRAWN BY: MAM 5/1/2015	<p>LaserLinc, Inc. Phone: 888-707-4892 Info@laserlinc.com www.laserlinc.com</p>		
	INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL FINISH DO NOT SCALE DRAWING	TITLE: 0203-0001-00 Axion203, Dual-Axis Data Micrometer Overall Dimensions		SIZE B	DWG. NO. 0203-0001-00
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