

1

2

3

4

5

REVISION TABLE

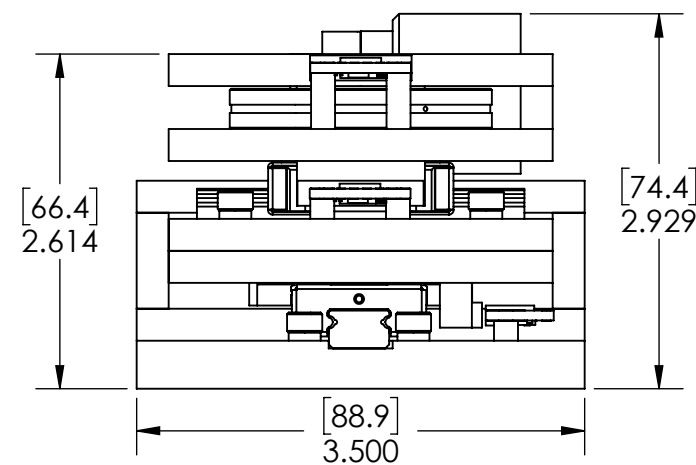
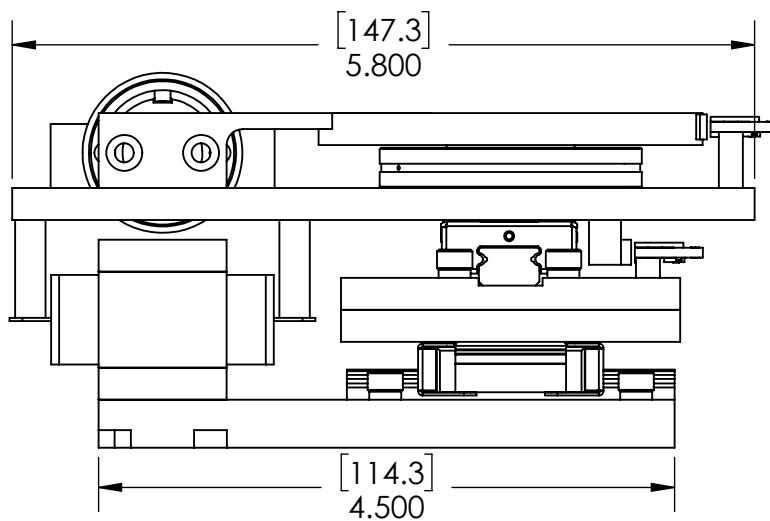
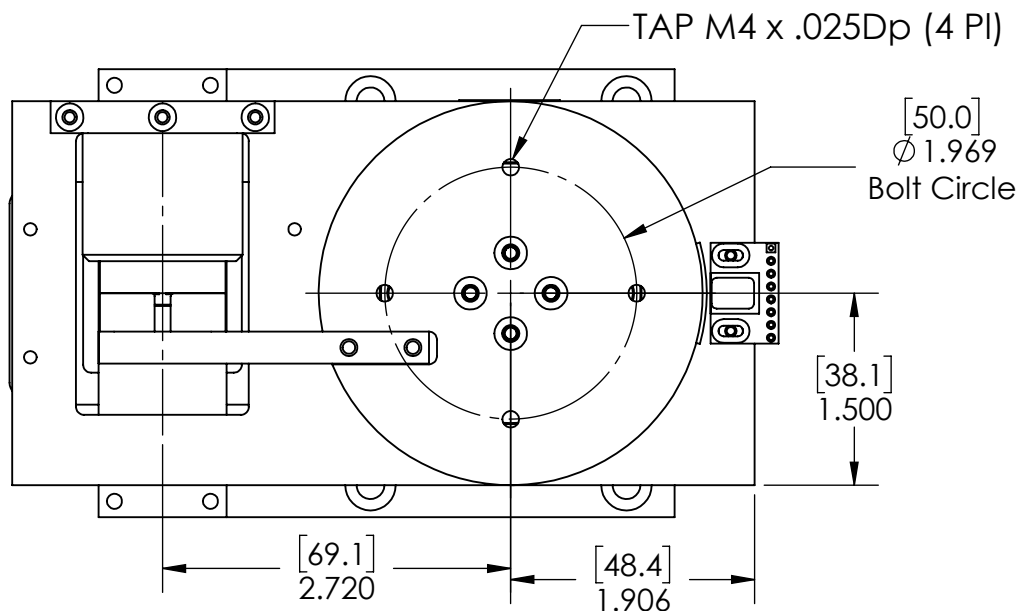
| REV | ECN# | DESCRIPTION | REV BY | APPROVED | DATE |
|-----|------|------------------|--------|----------|---------|
| --- | --- | Original Drawing | SDC | MPW | 1-10-18 |

Specifications*XY Axis*

Stroke = 0.23 in [6 mm]
 Cont. Force = 0.5 lbs [2.2 N]
 Peak Force = 1.5 lbs [4.4 N]
 Encoder = 1.0 micron

Rotary Axis

Angular Displacement = $\pm 5^\circ$
 Cont. Force = 2.20 in-lbs [0.25 Nm]
 Peak Force = 6.50 in-lbs [0.73 Nm]
 Encoder = 239,268 cnts/rev



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 Santa Clarita, CA 91350 USA
 Tel: (661) 291-1620
www.h2wtech.com

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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX $\pm .005$ ANGLES $\pm 1^\circ$
 .XX $\pm .010$ FILLETS .010
 .X $\pm .020$ CORNERS .010
 Remove All Burrs and Sharp Edges

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

XY Theta Voice Coil Stage

DWG #

31-0846

REV

DATE

1-10-18

SHEET

1 of 3

1

2

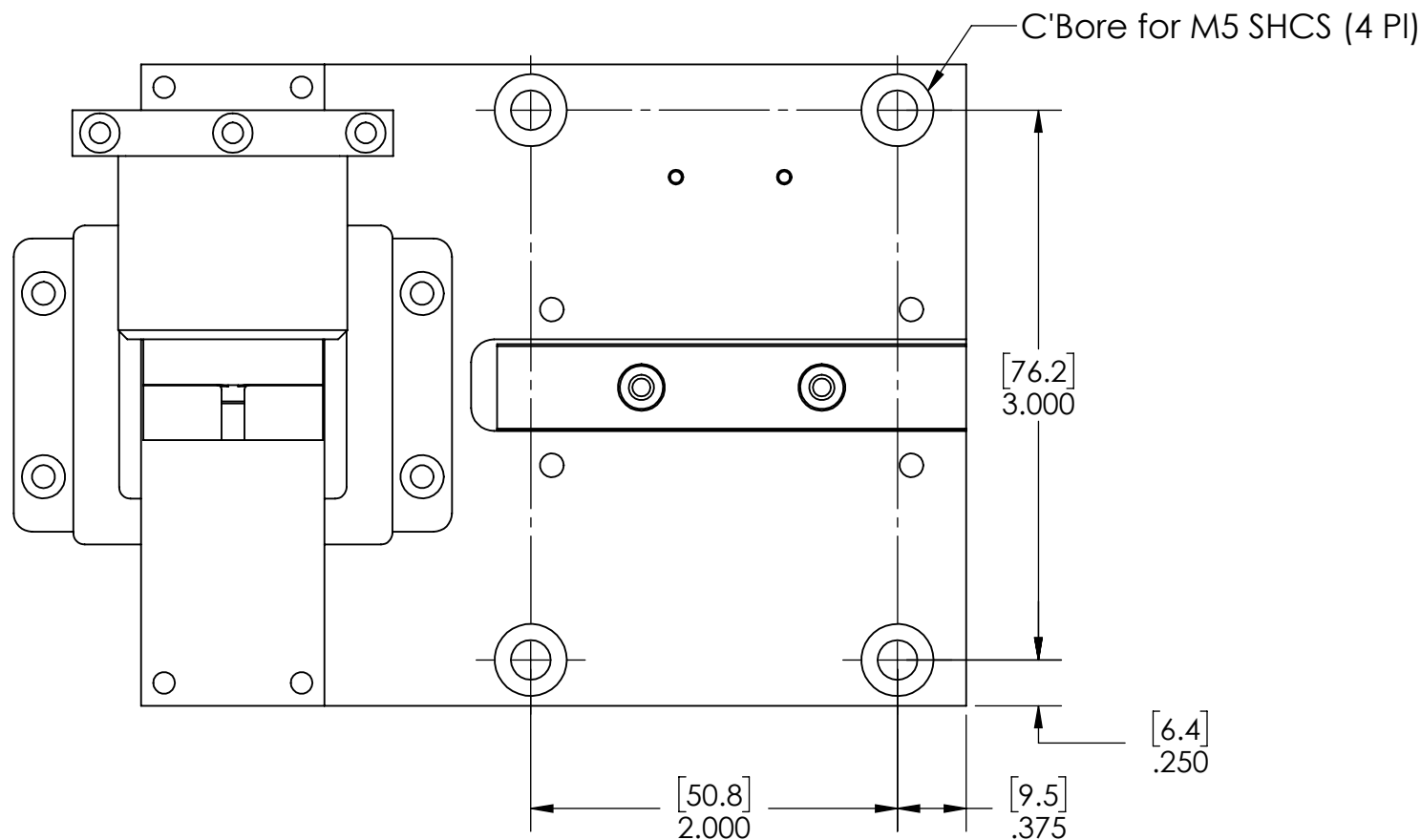
3

4

5

MOUNTING PROVISIONS

PARTS HAVE BEEN HIDDEN TO
SHOW BASE MOUNTING HOLES



A

A

B

B

C

C

D

D



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.XXX ±.005 ANGLES ±1°
.XX ±.010 FILLETS .010
.X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

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XY Theta Voice Coil Stage

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REV

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SHEET

2 of 3

1

2

3

4

5

A

A

B

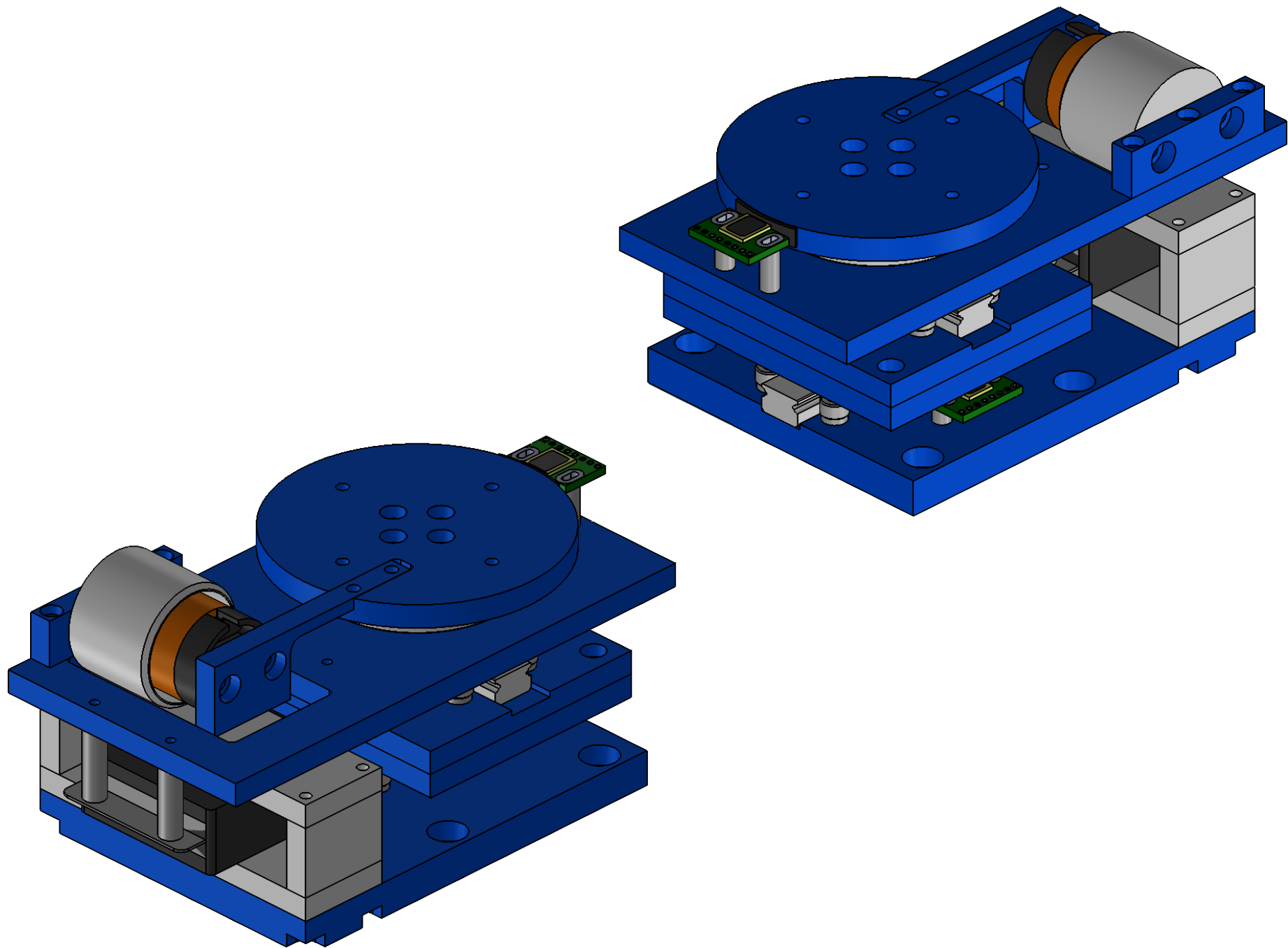
B

C

C

D

D



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TITLE

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DWG #

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REV

DATE

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SHEET

3 of 3