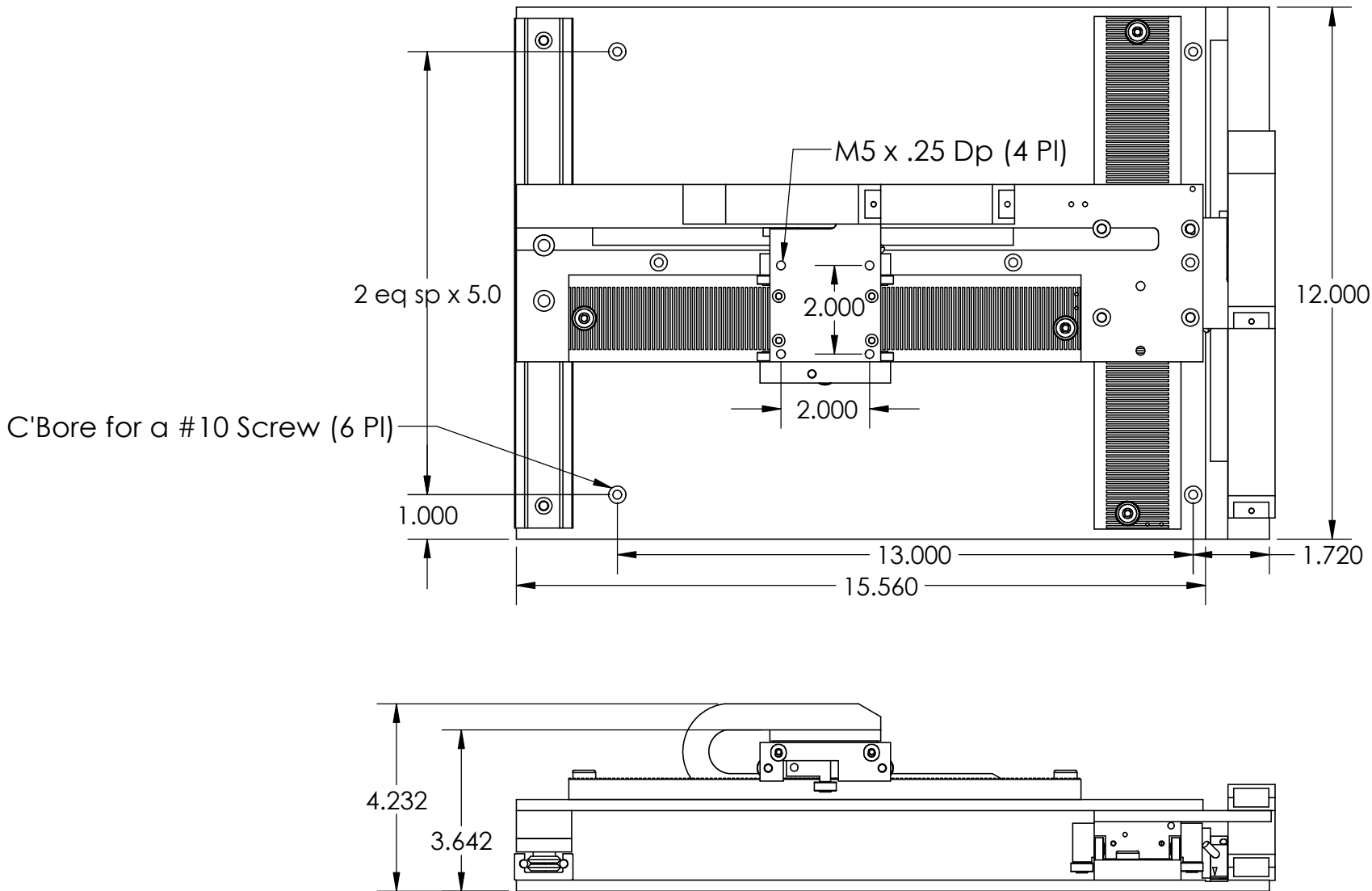


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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
----	-----	Original Drawing	OOG	MPW	5-31-11



H2W Technologies, Inc.
26470 Ruether Ave #102 Santa Clarita, CA 91350 USA
Tel: (661) 251-2081 Fax: (661) 251-2067
www.h2wtech.com

Linear Stepper Positioning Stage
Model #LSS-0808-0606-XY-01

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

FINISH

DRAWN
OOG

DATE
5-31-11

APPROVED
MPW

DATE	5-31-11
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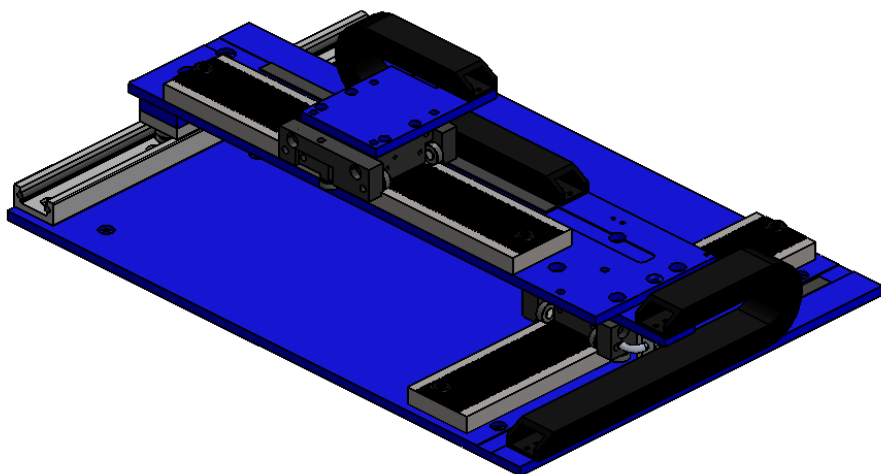
	DWG #
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10-0511

REV	
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A

SHEET
1 of 1



LINEAR STEPPER STAGE SPECIFICATIONS (Top Axis)		
Motor P/N	STS-0620-R	
Continuous Force	6.0 lbs	26.7 N
Stroke	8.0 in	203 mm
Encoder Resolution	1 Micron	
Rated Current	2.0 Amp	
Resistance/Phase @ 20C	2.40 ohms	
Inductance/Phase @ 20C	3.0 mH	
Motor Phases	2	
Bearing Type	Roller Bearing	
Nominal Airgap	0.0015"	
Moving Mass	0.85 lbs	385 g
Totas Mass	5.25 lbs	2358 g

LINEAR STEPPER STAGE SPECIFICATIONS (Bottom Axis)		
Motor P/N	STS-0620-R	
Continuous Force	6.0 lbs	26.7 N
Stroke	8.0 in	203 mm
Encoder Resolution	1 Micron	
Rated Current	2.0 Amp	
Resistance/Phase @ 20C	2.40 ohms	
Inductance/Phase @ 20C	3.0 mH	
Motor Phases	2	
Bearing Type	Roller Bearing	
Nominal Airgap	0.0015"	
Moving Mass	0.85 lbs	385 g
Totas Mass	10 lbs	4525 g

NOTE:

- Electrical specs & masses are per individual axis
- Total stage weight = 16 lbs (7.24 kg)

TITLE		
Linear Stepper Positioning Stage Model #LSS-0808-0606-XY-01		
DWG #	10-0511	REV
		A
		SHEET
		2 of 2