

1

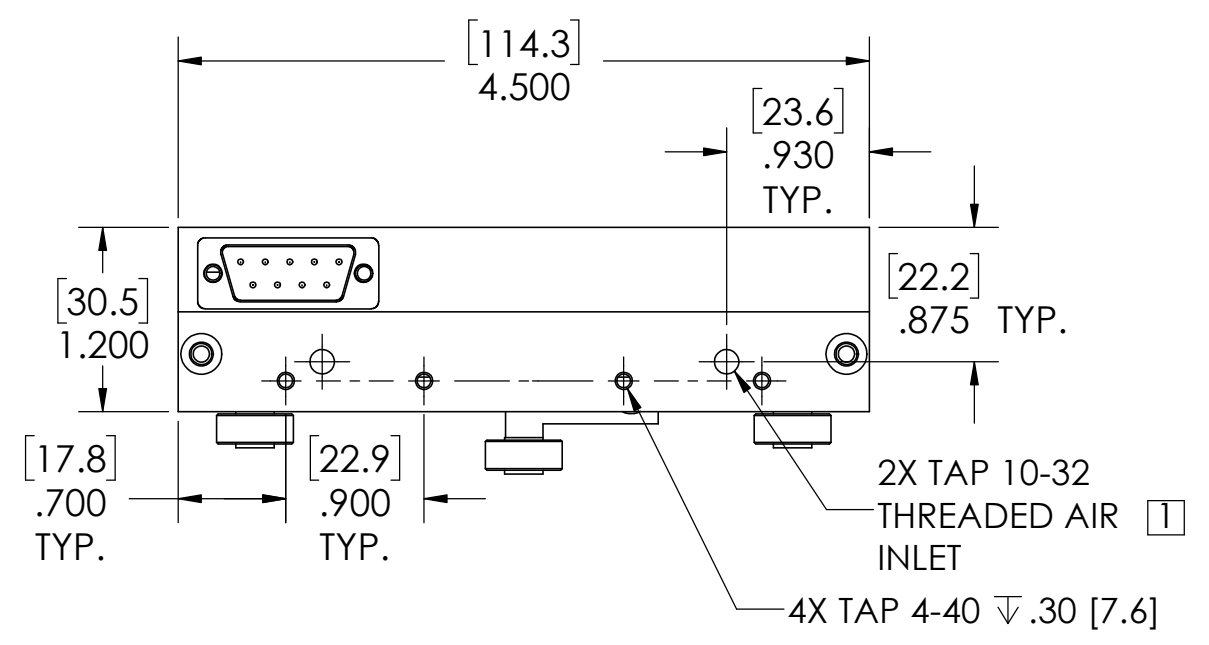
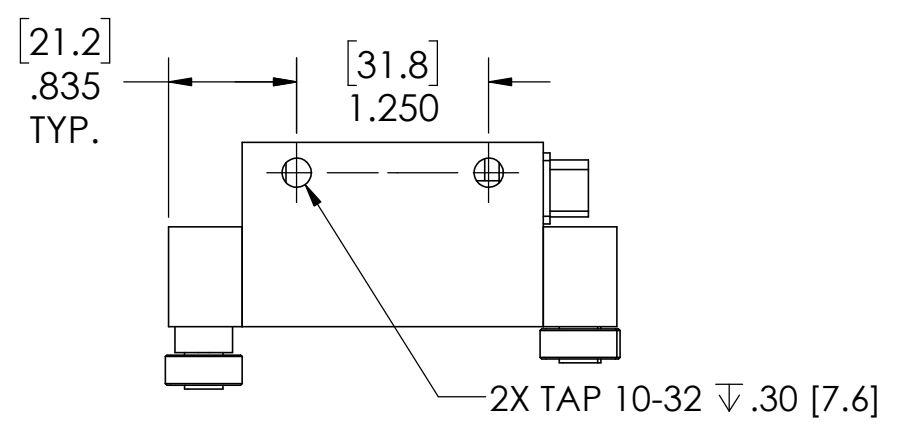
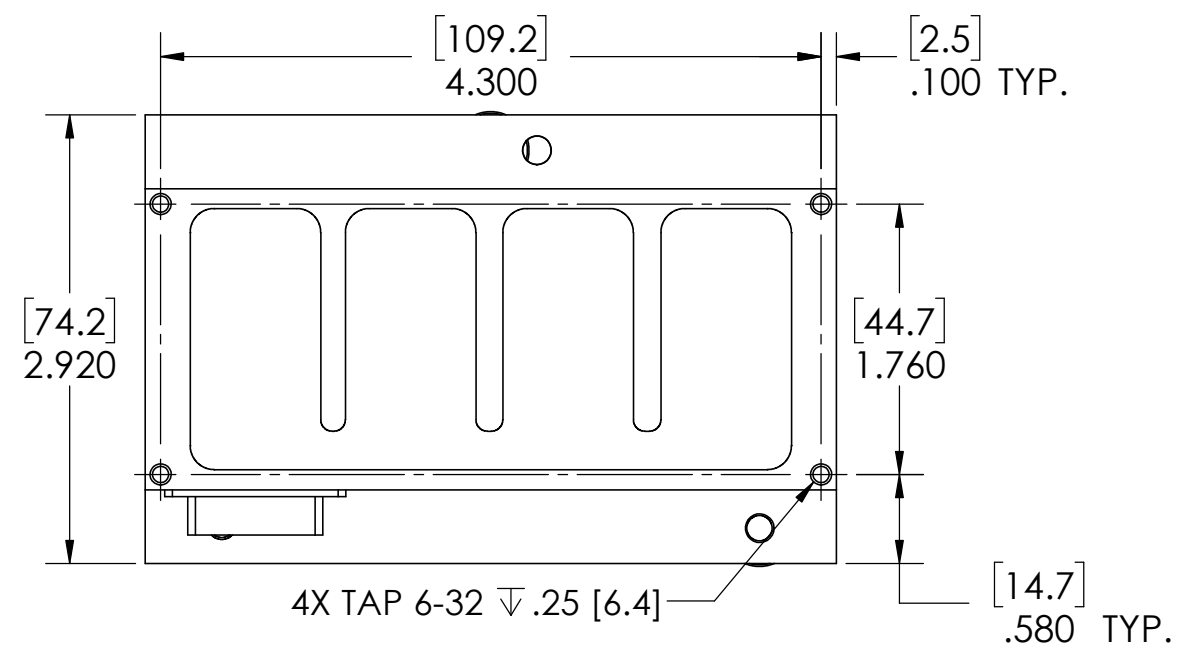
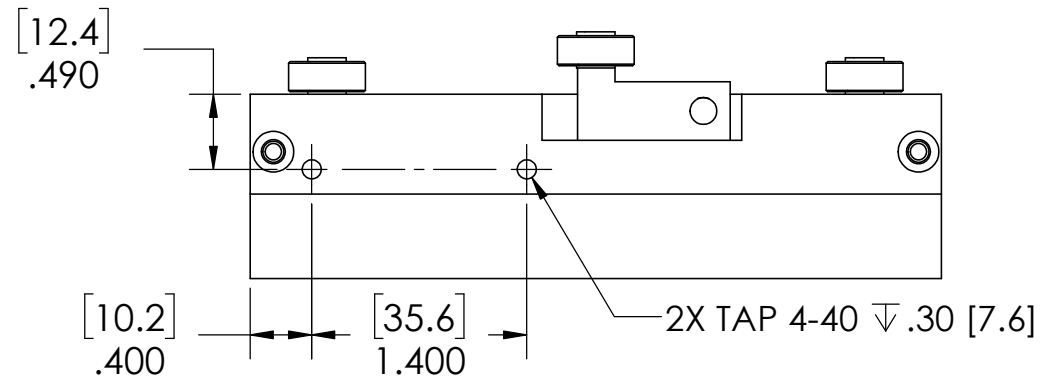
2

3

4

5

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	FGW	8-1-10



A

A

B

B

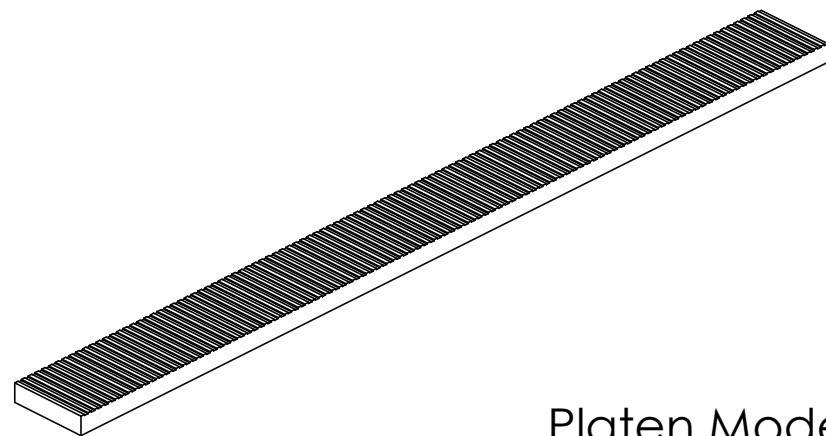
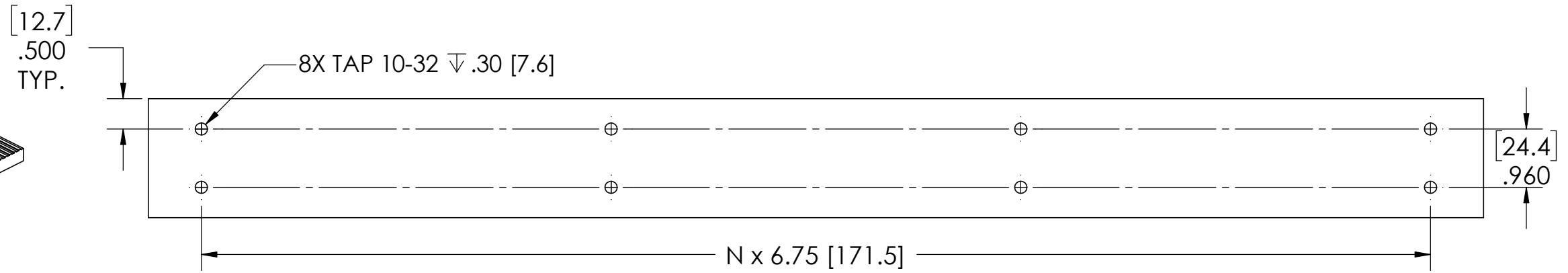
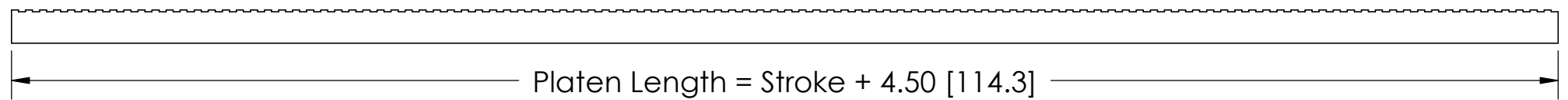
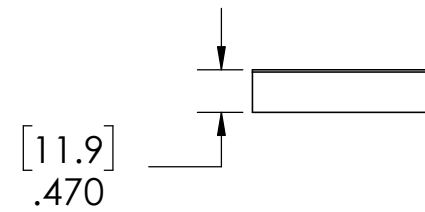
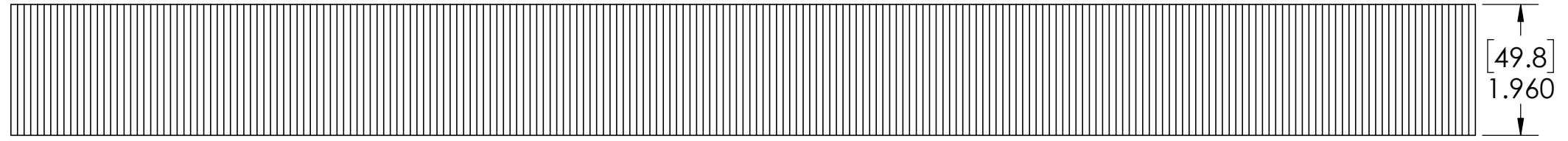
C

C

D

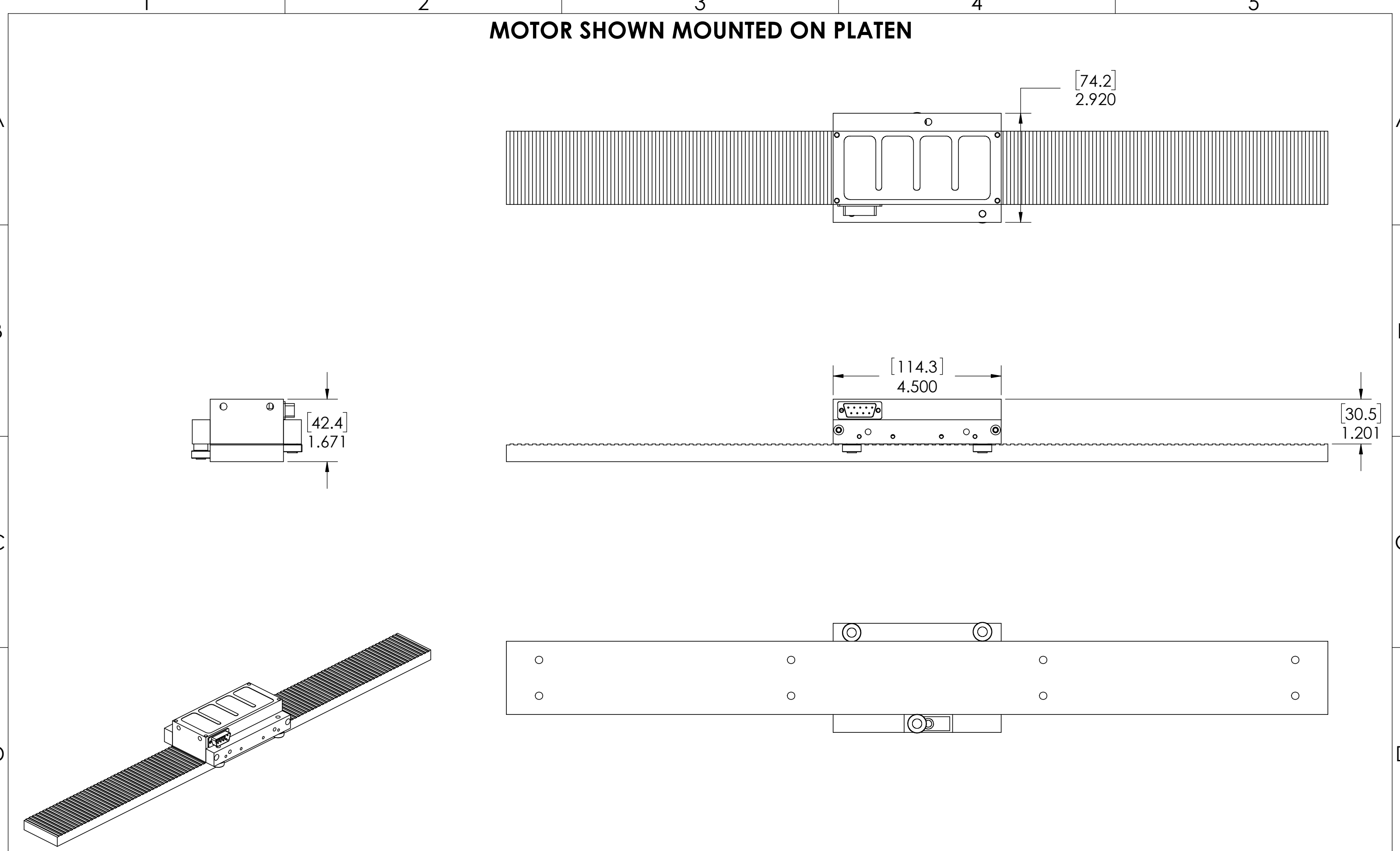
D

# COMPATIBLE PLATEN SPECIFICATIONS



Platen Model #: STP-20-XXX-A

# MOTOR SHOWN MOUNTED ON PLATEN



**H2W Technologies, Inc.**  
 Santa Clarita, CA 91350 USA  
 Tel: (661) 291-1620  
[www.h2wtech.com](http://www.h2wtech.com)

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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

**FOR  
 REFERENCE  
 ONLY**

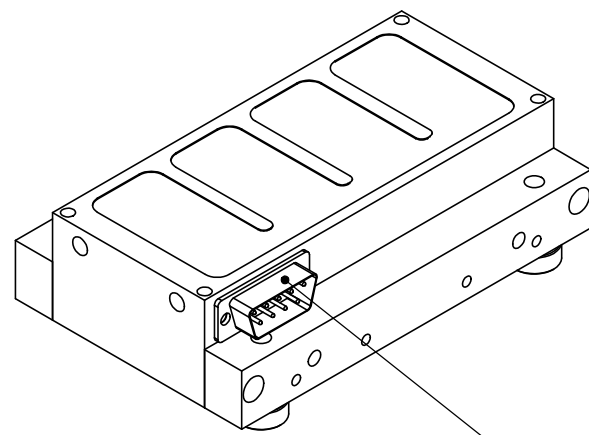
MATERIAL	
FINISH	

TITLE	Single Axis Stepper Model #: <b>STS-1220-A4U</b>
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DWG #	<b>10-0464</b>
REV	----
DATE	8-1-10
SHEET	3 of 4

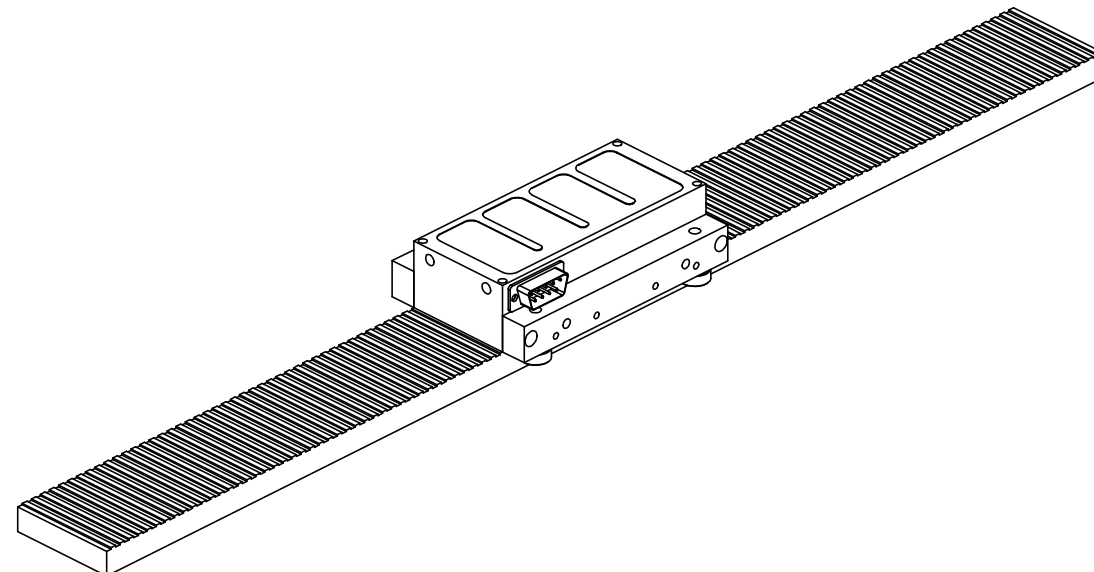
### LINEAR STEPPER MOTOR SPECIFICATIONS

Motor P/N	STS-1220-A4U	
Continuous Force	11.0 LBS	48.8 N
Rated Current/Phase	2.0 Amp	
Resistance/Phase @ 20C	2.24 ohms	
Inductance/Phase @ 20C	1.30 mH	
Motor Phases	4	
Bearing Type	Air Bearing	
Nominal Air Pressure	60 psi	
Motor Mass	1.0 lb	454 grams



Pin	Function
1	A+
2	B-
3	C+
4	D+
5	Ground
6	B+
7	A-
8	D-
9	C-

MOTOR POWER CONNECTOR



NOTE:  
 1. ONLY ONE AIR INLET MAY BE USED AT A TIME. UNUSED AIR INLET MUST BE PLUGGED WITH 10-32 SET SCREW.