

1

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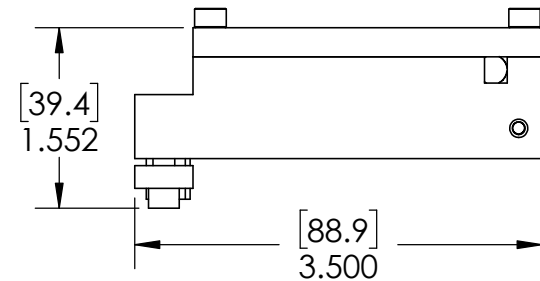
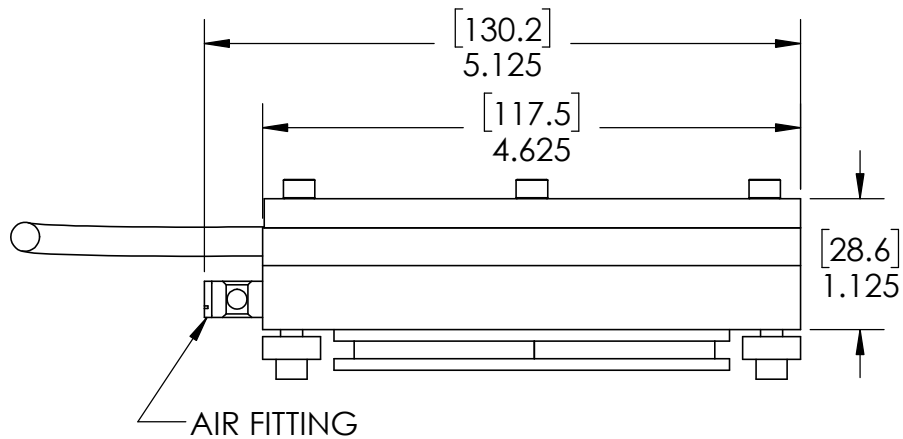
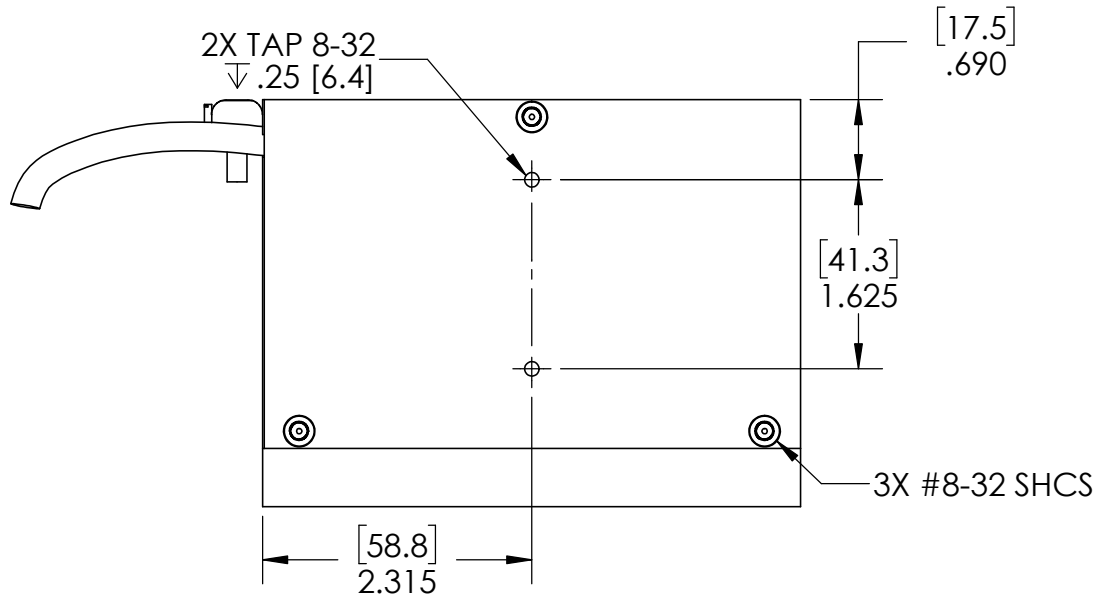
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REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	3-31-10



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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 #:
STS-2030-A

DWG #

10-0455

REV

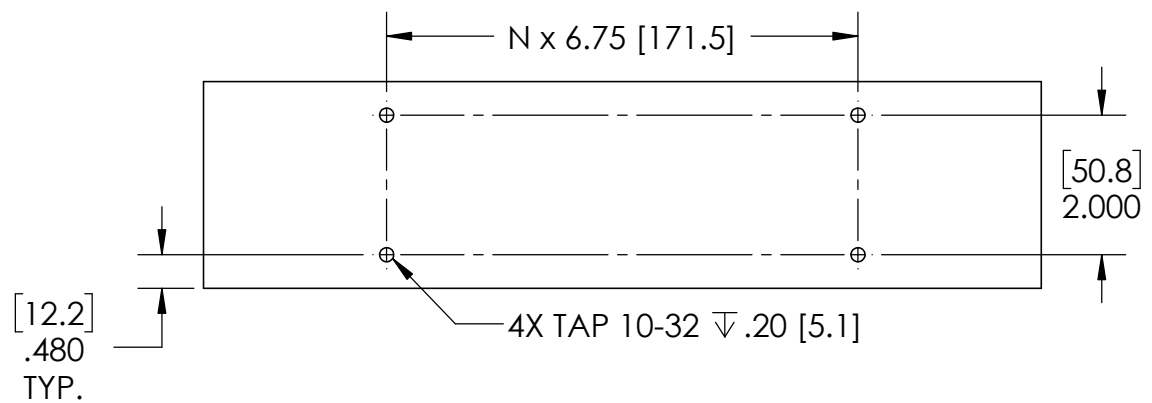
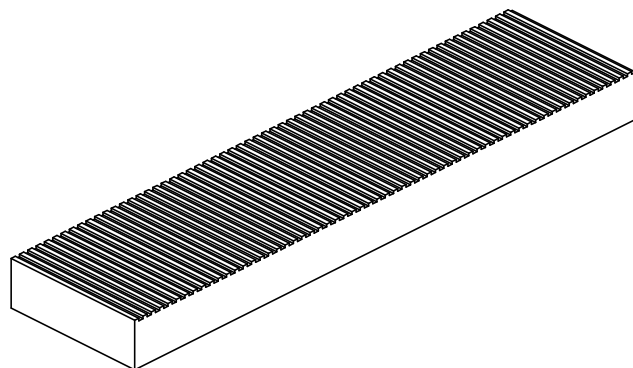
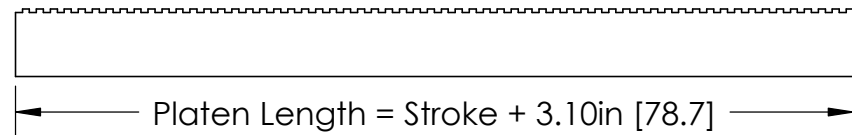
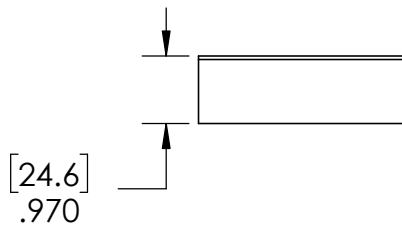
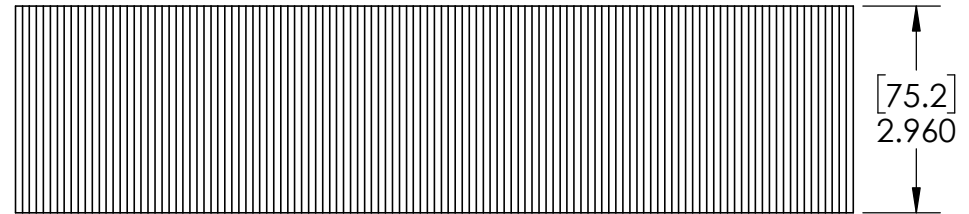
DATE

3-31-10

SHEET

1 of 4

COMPATIBLE PLATEN SPECIFICATIONS



Platen Model #: STP-20-XXX-R



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MATERIAL

FINISH

TITLE

Single Axis Stepper Model #:
STS-2030-A

DWG # **10-0455**
REV ----
DATE 3-31-10 SHEET 2 of 4

1

2

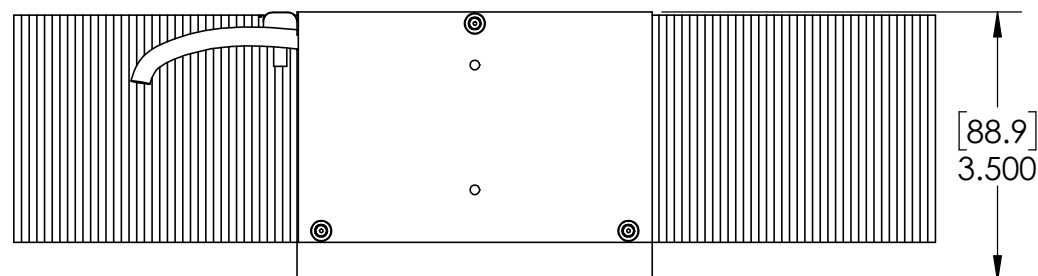
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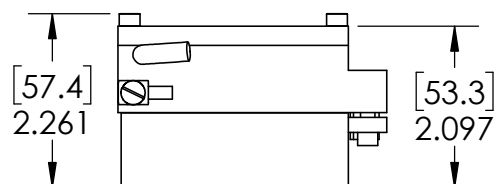
MOTOR SHOWN MOUNTED ON PLATEN

A



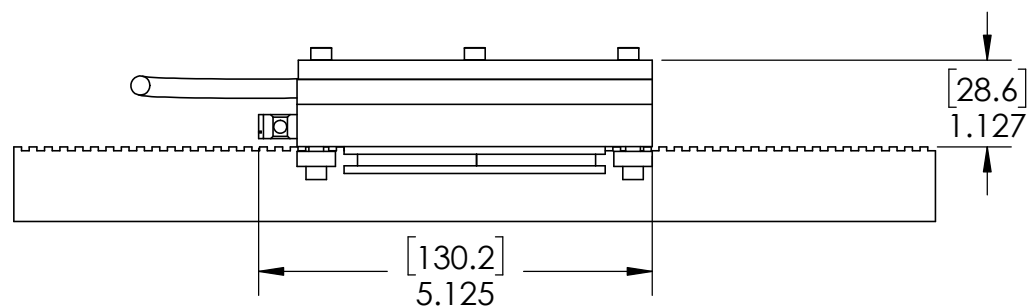
A

B



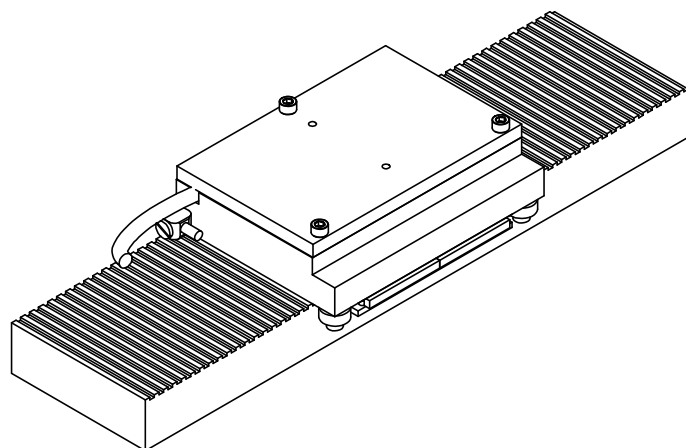
B

C



C

D



D


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**FOR
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MATERIAL

FINISH

TITLE

Single Axis Stepper Model #:

STS-2030-A

DWG #

10-0455

REV

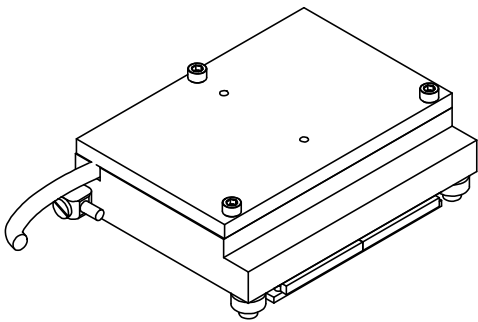
DATE

3-31-10

SHEET

3 of 4

LINEAR STEPPER MOTOR SPECIFICATIONS		
Motor P/N	STS-2030-A	
Continuous Force	20.0 lbs	89.0 N
Rated Current	4.0 Amp	
Resistance/Phase @ 20C	1.75 ohms	
Inductance/Phase @ 20C	3.2 mH	
Motor Phases	2	
Bearing Type	Air Bearing	
Nominal Airgap	0.0015"	
Motor Mass	30.0 oz	850.5 grams
Platen Mass	0.8 lbs/in	3.56 N/in



MOTOR POWER CABLE

Lead Color	Function
Yellow	A+
White	A-
Red	B+
Black	B-

LEAD WIRE LENGTH: 10in [254mm]

