

1

2

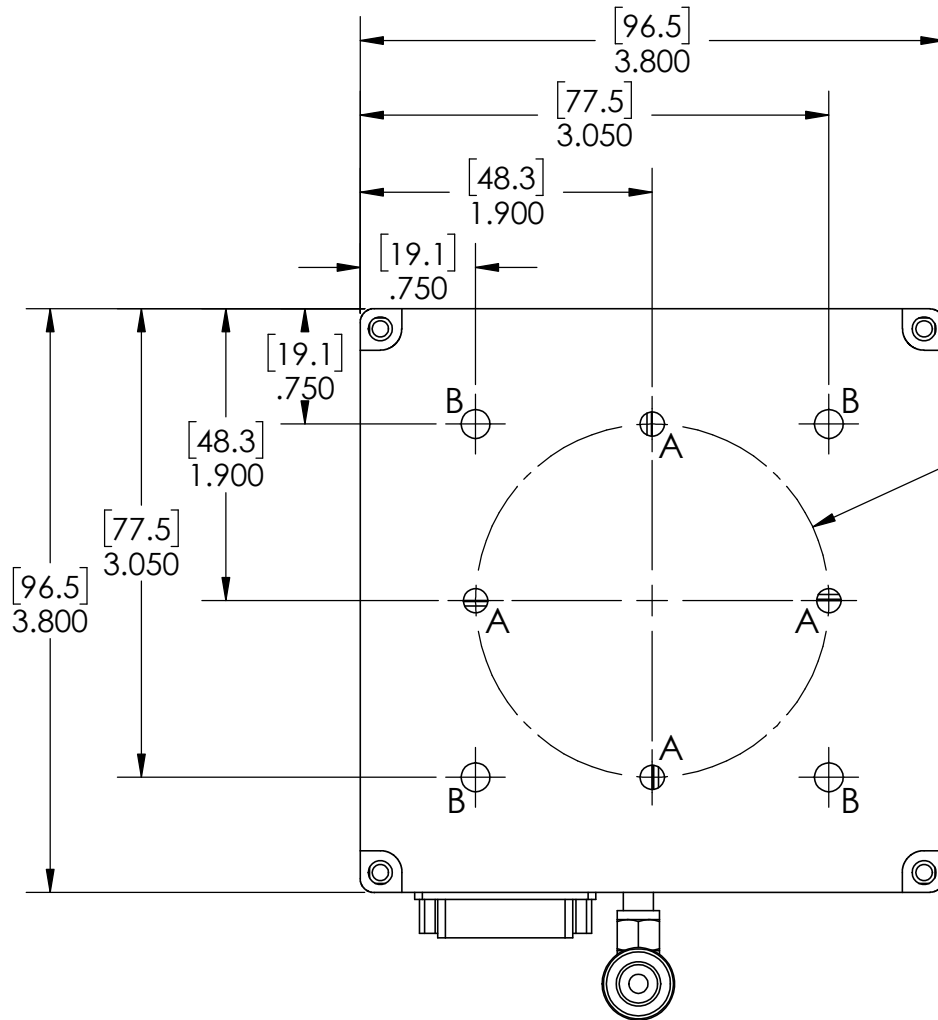
3

4

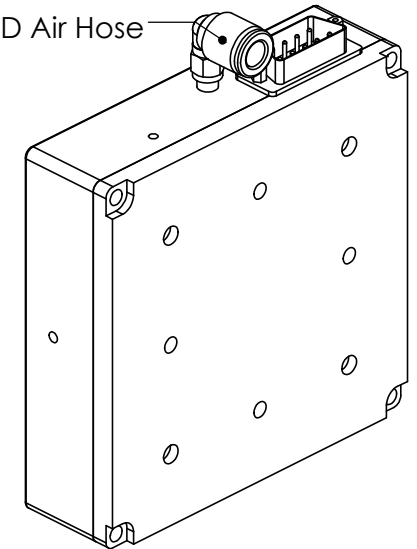
5

## REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	6-29-15



Air Inlet  
0.250" OD Air Hose

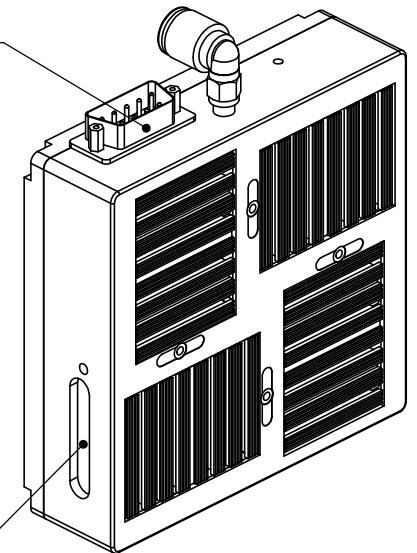


## NOTES:

- A:  $\varnothing$ .1879/.1881  
X .100 DP. MIN.  
(4 PLCS)
- B: 10-32  
X .200 DP. MIN.

Motor Power  
DB-9 Male

Pin #	Function
1	XA+
2	XA-
3	XB+
4	XB-
5	Ground
6	YA+
7	YA-
8	YB+
9	YB-



Lifting Tool Slot



**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  $\pm$ .005 ANGLES  $\pm$ 1°  
.XX  $\pm$ .010 FILLETS .010  
.X  $\pm$ .020 CORNERS .010  
Remove All Burrs and Sharp Edges

**FOR  
REFERENCE  
ONLY**

MATERIAL

FINISH

TITLE

**Dual Axis Linear Stepper Motor  
Model #: LMDS1302-2A1**

DWG #

**13-0004**

REV

----

DATE

6-29-15

SHEET

1 of 2

1

2

3

4

5

A

A

B

B

C

C

D

D

**Motor Specifications****LMDS1302-2A1****General**

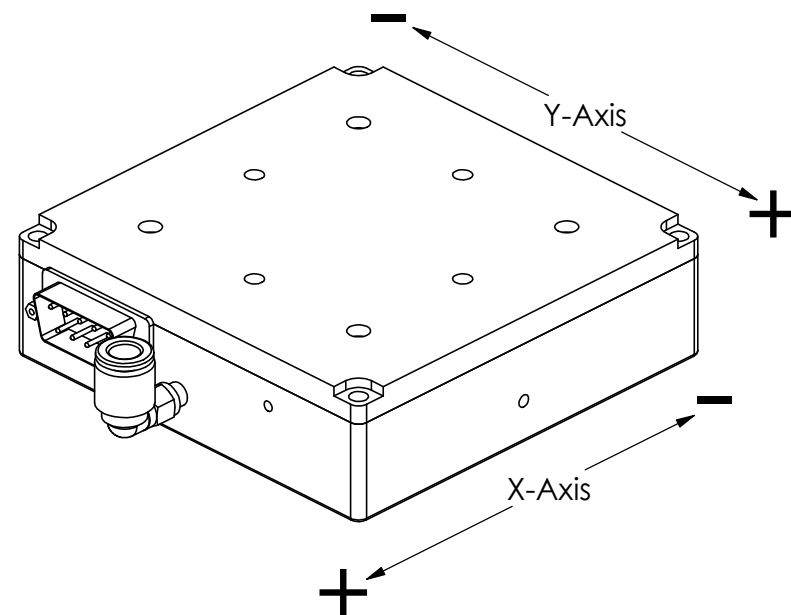
Static Force	lbs [N]	6.0 [26.7]
Force @ 40 in/sec	lbs [N]	3.0 [13.3]
Amps/Phase	Amps	2
Continuous Power	Watts	16.8

**Electrical**

Resistance	Ohms	4.2
Inductance	mH	5.2
Electrical Time Constant	msec	0.81

**Mechanical**

Bearing Type	Air	
Nominal Air Pressure	60 psi	
Airflow	CFM [L/min]	2.0 [56]
Attractive Force	lbs [N]	90 [400]
Forcer Mass	lbs [kg]	1.1 [.50]

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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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Dual Axis Linear Stepper Motor  
Model #: LMDS1302-2A1

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REV

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SHEET

2 of 2