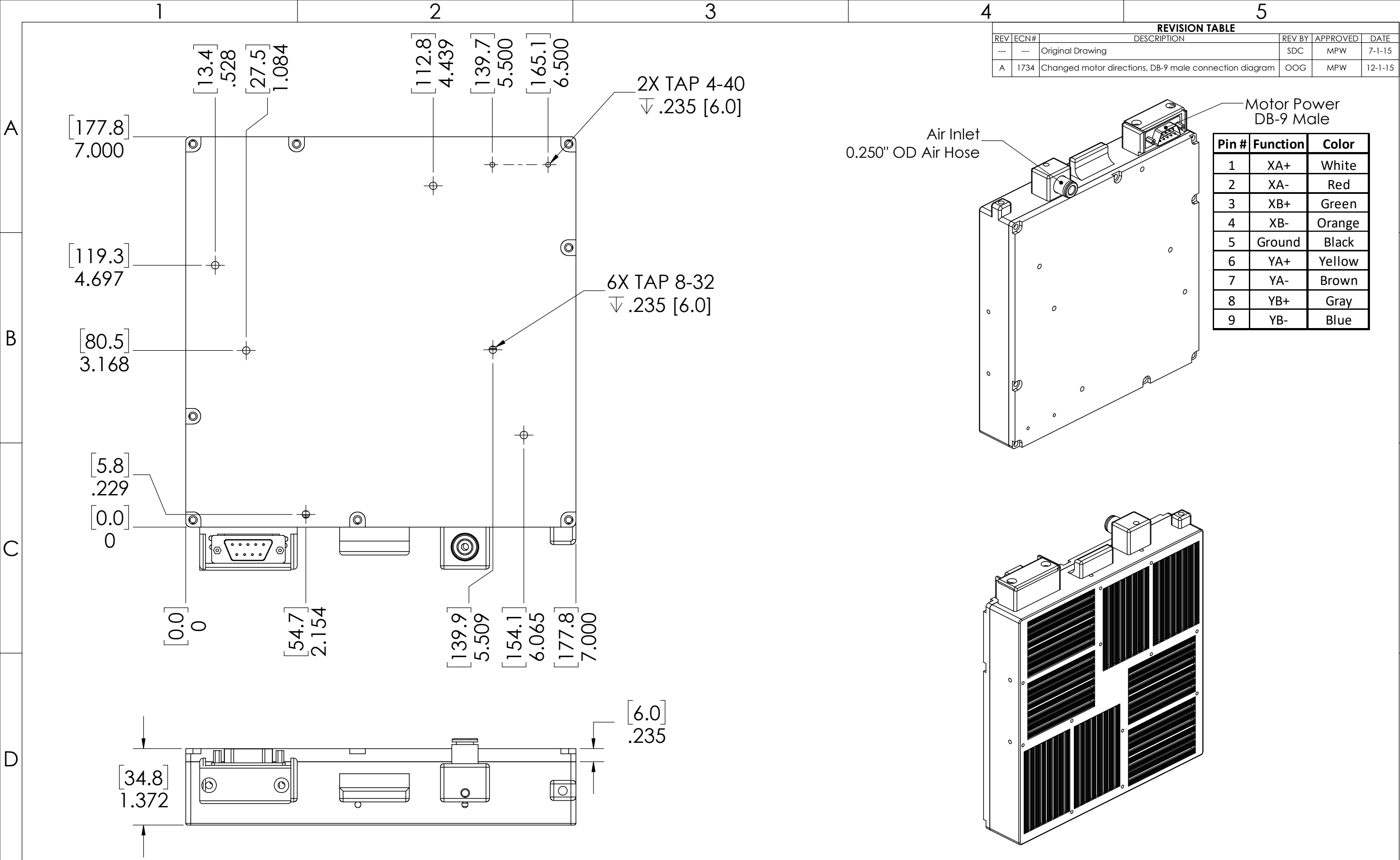


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
--	--	Original Drawing	SDC	MPW	7-1-15
A	1734	Changed motor directions, DB-9 male connection diagram	OOG	MPW	12-1-15



1

2

3

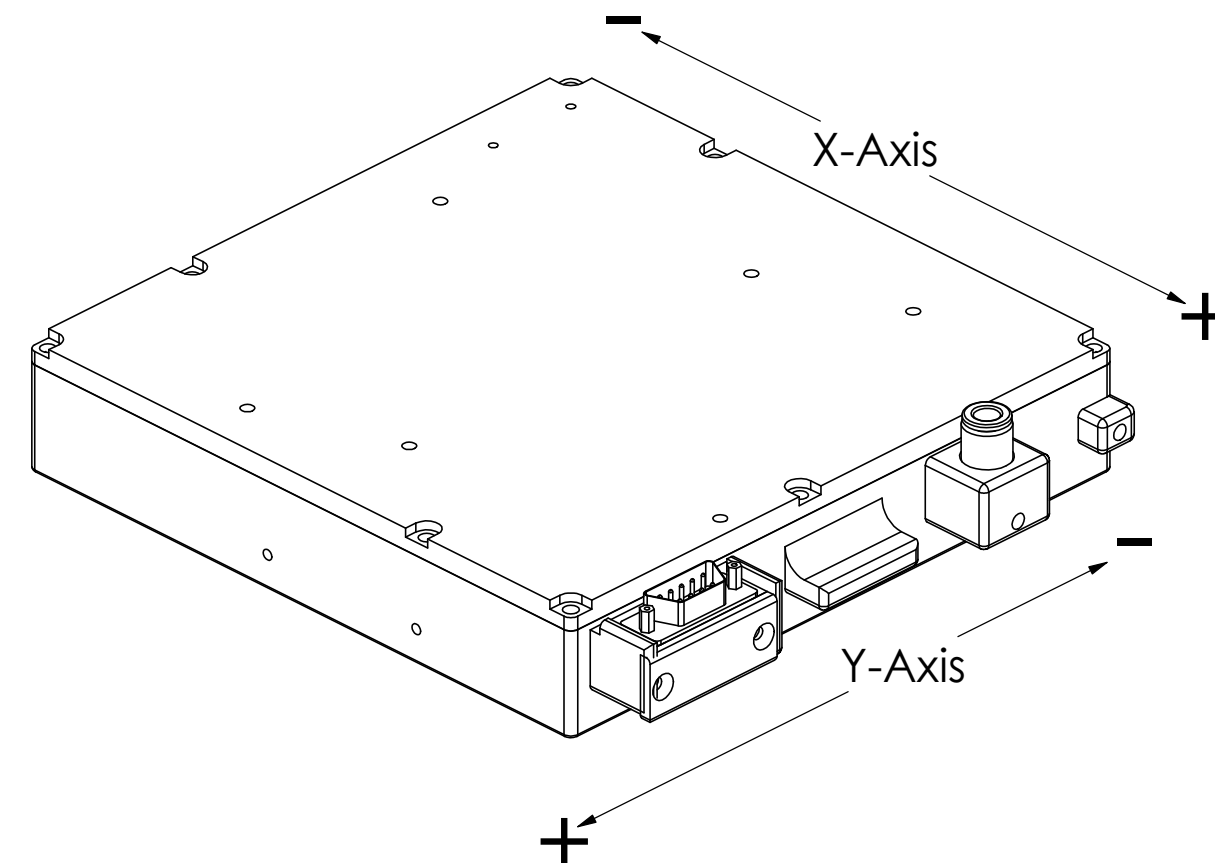
4

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A

A

Motor Specifications LMDS2504-2A1		
General		
Static Force	lbs [N]	30.0 [133]
Force @ 40 in/sec	lbs [N]	15.0 [66.7]
Amps/Phase	Amps	4
Continuous Power	Watts	60.8
Electrical		
Resistance	Ohms	3.8
Inductance	mH	4.4
Electrical Time Constant	msec	0.86
Mechanical		
Bearing Type	Air	
Nominal Air Pressure	60 psi	
Airflow	CFM [L/min]	4.0 [112]
Attractive Force	lbs [N]	405 [1801]
Forcer Mass	lbs [kg]	5.1 [2.3]



B

B

C

C

D

D



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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

Dual Axis Linear Stepper Motor
Model #: LMDS2504-2A1

DWG #

13-0006

REV

A

DATE

7-1-15

SHEET

2 of 2