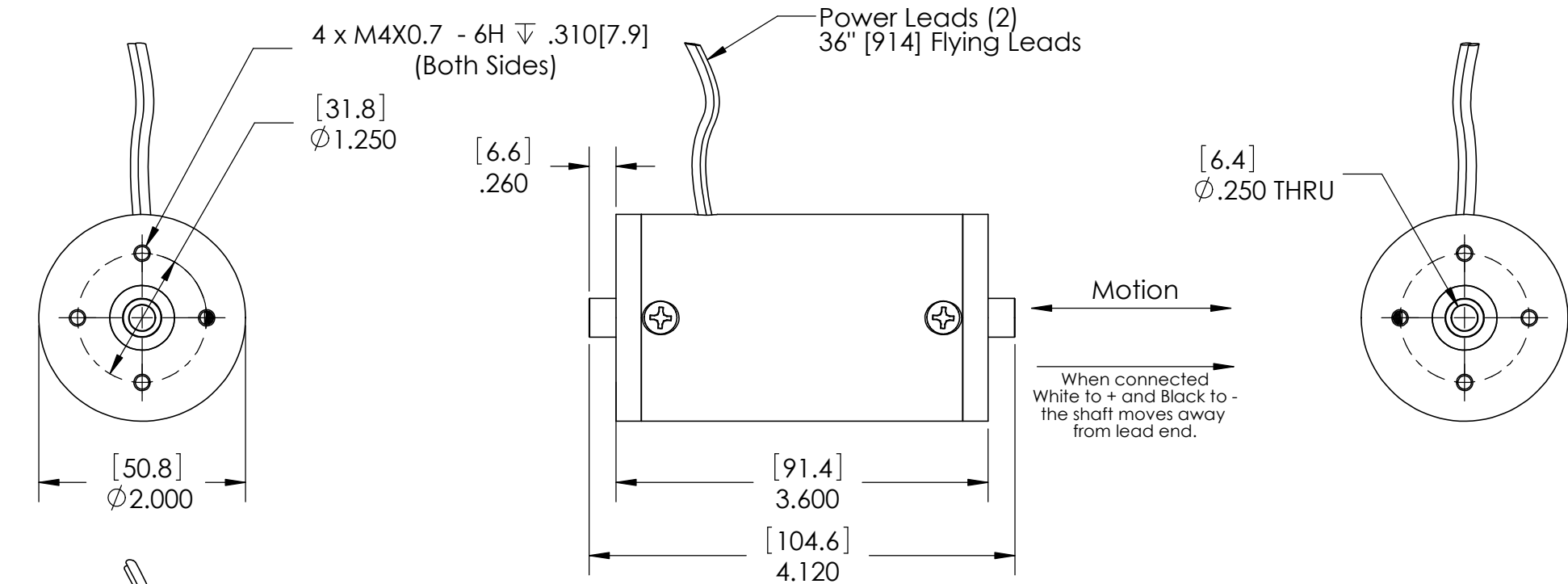
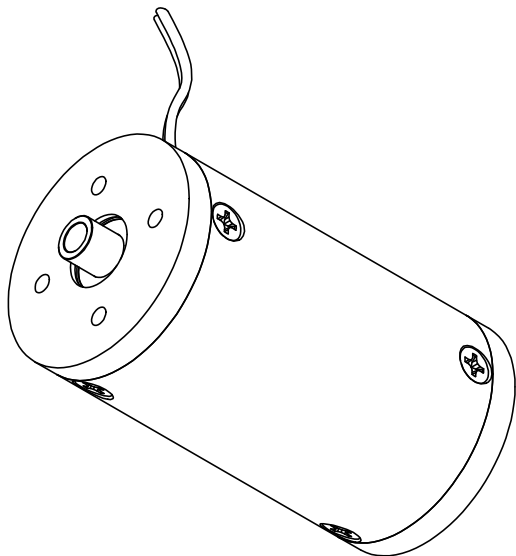


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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	12-22-10
A	1886	Changed lead wire length	SDC	MPW	1-25-17



MOTOR SHOWN AT MIDSTROKE



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

MATERIAL

FINISH

DRAWN
SDC

DATE
1-25-17

APPROVED
MPW

DATE
1-25-17

TITLE

Non-Comm Moving Magnet Actuator
Model# NCM03-20-089-2LB

DWG #

30-0910

REV

A

SHEET

1 of 2

H2W Technologies, Inc.
26470 Ruether Ave. #102 Santa Clarita, CA 91350 USA
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MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCM03-20-089-2LB	
Stroke	0.25"	6.4 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Linear Bushings	
Moving Mass	0.59 lbs	268 grams
Total Mass	1.92 lbs	873 grams
Resistance @ 20C	5.0 ohms	
Inductance @ 20C	TBD	
Electrical Time Constant	TBD	
Motor Constant	2.05 LBS/SQRT(Watt)	0.42 N/SQRT(Watt)
Force Constant	4.6 LBS/Amp	20.5 N/Amp
Back EMF	0.52 V/ips	20.5 V/m/sec
Continuous Force	8.9 LBS	39.6 N
Max Power @ 100% Duty	19 Watts	
Peak Force	26.7 LBS	119 N
Max Power @ 10% Duty	170 Watts	