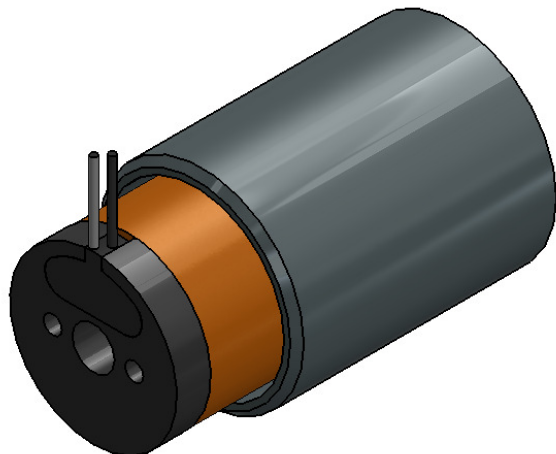
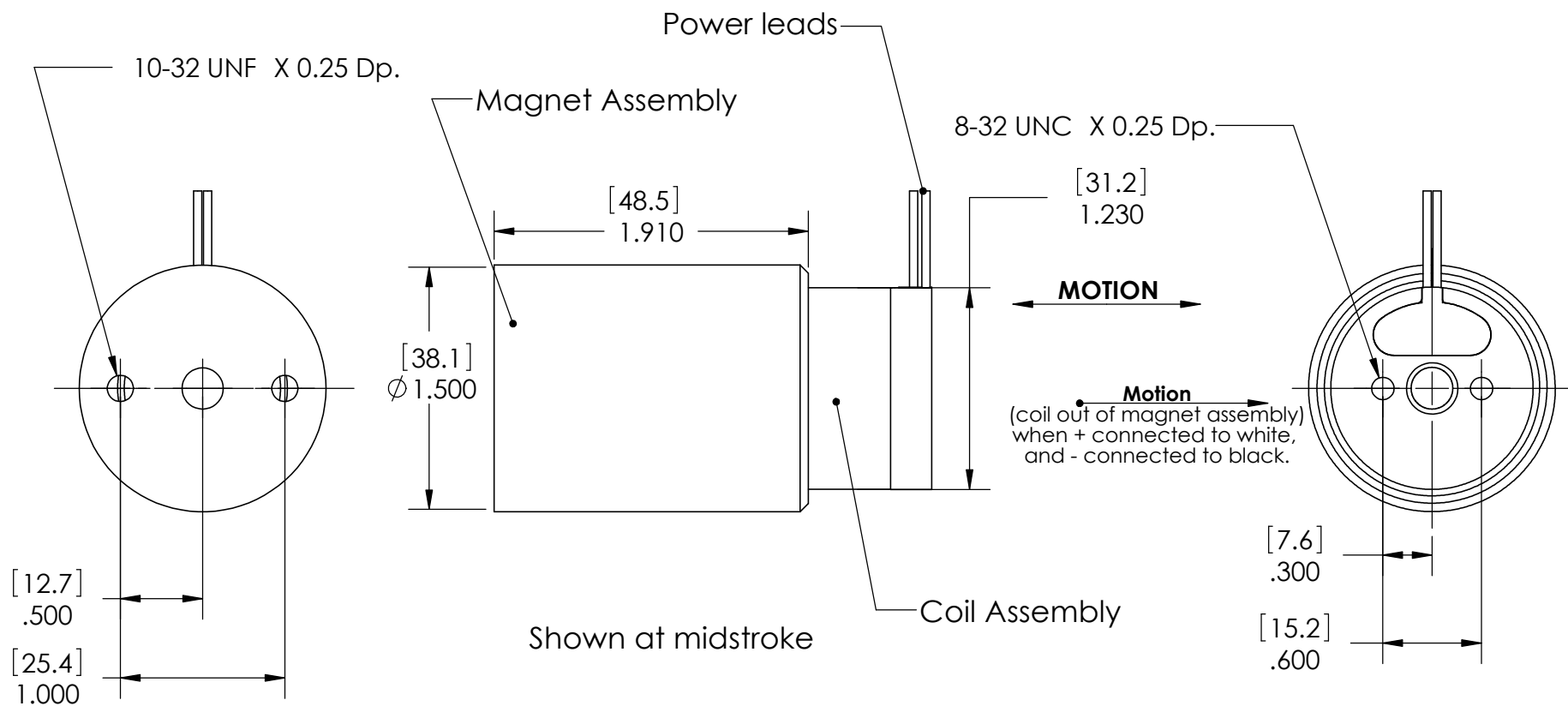


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX $\pm .005$ ANGLES $\pm 1^\circ$
XX $\pm .010$ FILLETS AND
X $\pm .020$ CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL

FINISH

DRAWN
JRM

DATE
5-6-14

APPROVED
MPW

DATE
5-6-14

TITLE

H2W Technologies, Inc.

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**Moving Coil Non-Comm Actuator
Model# NCC10-15-023-1R**

DWG #

30-1179

REV

ECN

NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC10-15-023-1R	
Device Type	Moving Coil	
Stroke	1.00 in	25.4 mm
Radial Clearance	0.040 in	1.0 mm
Bearing Type	None Provided	
Moving Mass	1.97 oz	56 grams
Total Mass	13.2 oz	375 grams
Resistance @ 20C	7.5 ohms	
Inductance @ 20C	3.0 mH	
Electrical Time Constant	0.40 msec	
Motor Constant	0.75 lbs/sqrt(watt)	3.3 N/sqrt(watt)
Force Constant	2.1 lbs/amp	9.1 N/amp
Back EMF	0.20 V/ips	9.1 V/m/sec
Force @ 100% Duty	2.1 lbs	9.1 N
Power @ 100% Duty	7.5 watts	
Current @ 100% Duty	1.0 amps	
Force @ 10% Duty	6.3 lbs	27 N
Power @ 10% Duty	68 watts	
Current @ 10% Duty	3.0 amps	