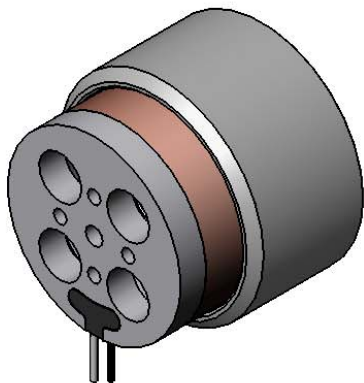
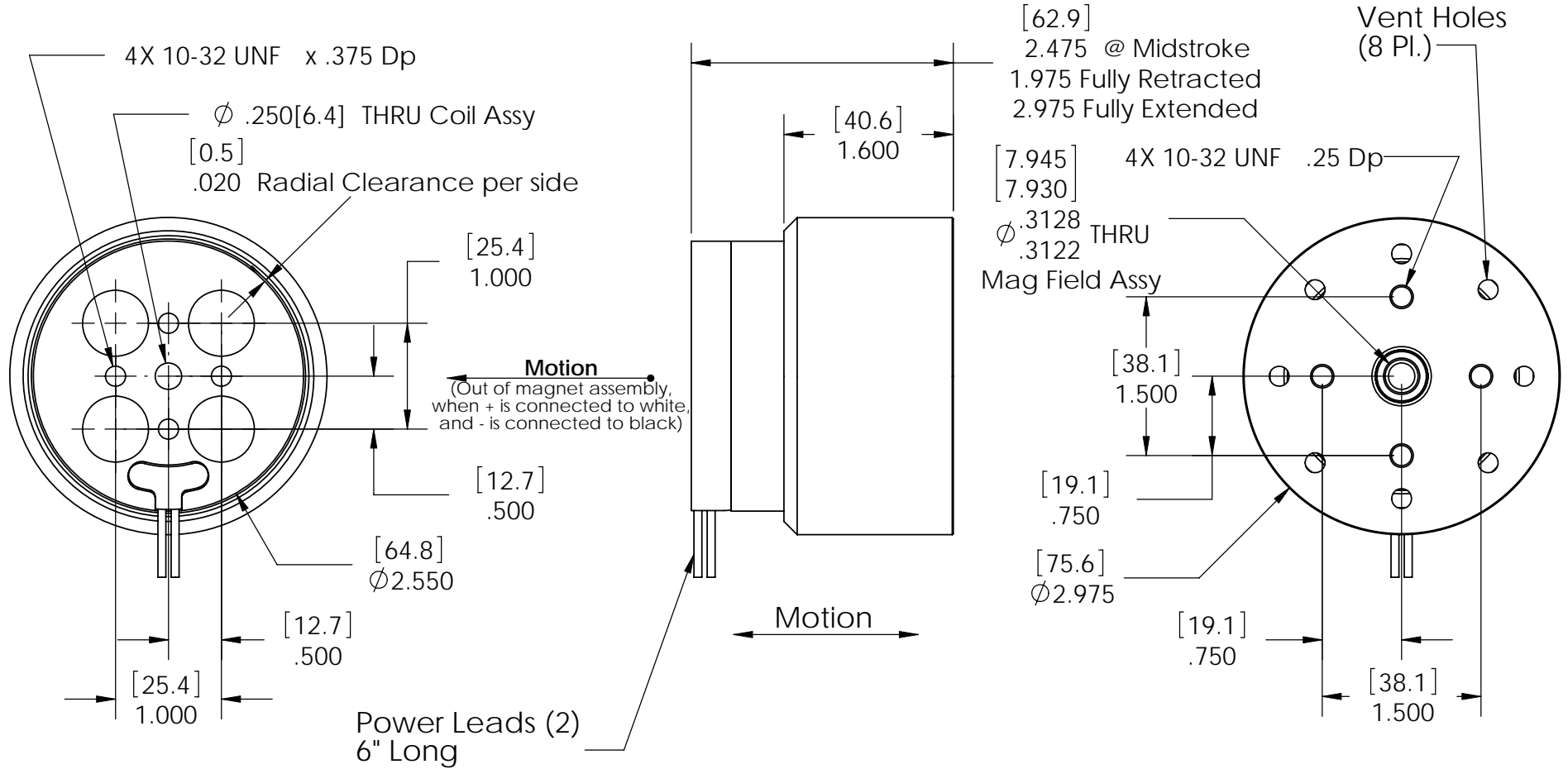


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UNLESS SPECIFIED OTHERWISE:  
All dimensions are in inches  
Standard Tolerances are as follows  
.XXX ±.005 ANGLES ±1°  
XX ±.010 FILLETS .010  
X ±.020 CORNERS .010  
Remove All Burrs and Sharp Edges

**MATERIAL**

**FINISH**

**DRAWN**  
JRM

**DATE**  
9-11-08

**APPROVED**  
MPW

**DATE**  
9-11-08

**TITLE**

Moving Coil Non-Commutated DC Linear Actuator  
Model# NCC10-30-108-1H

**DWG #**

30-0786

**REV**

A

**SHEET**

1 of 2

**H2W Technologies, Inc.**

28310-C Ave Crocker Valencia, CA 91355 USA  
Tel: (661)-702-9346 Fax: (661)-702-9348  
www.h2wtech.com

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC10-30-108-1H	
Stroke	1.00"	25.4 mm
Radial Clearance	0.020" per side	0.51 mm per side
Bearing Type	None Provided	
Moving Mass	0.47 lbs	213 grams
Total Mass	2.88 lbs	1300 grams
Resistance @ 20C	4.0 ohms	
Inductance @ 20C	4.0 mH	
Electrical Time Constant	1.0 msec	
Motor Constant	2.5 LBS/SQRT(Watt)	11.0 N/SQRT(Watt)
Force Constant	5.0 LBS/Amp	22.0 N/Amp
Back EMF	0.6 V/ips	22.0 V/m/sec
Continuous Force	10.8 LBS	48.1 N
Max Power @ 100% Duty	19 Watts	
Peak Force	32.4 LBS	144 N
Max Power @ 10% Duty	168 Watts	