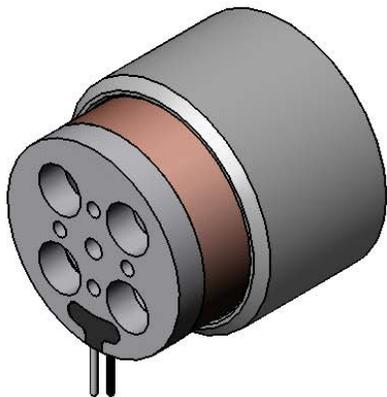
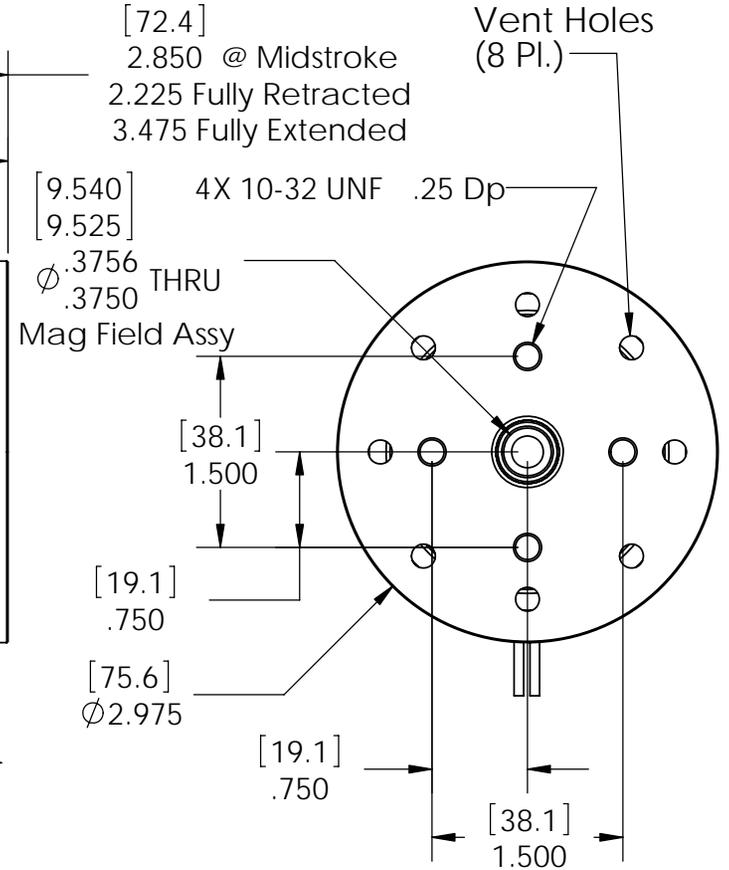
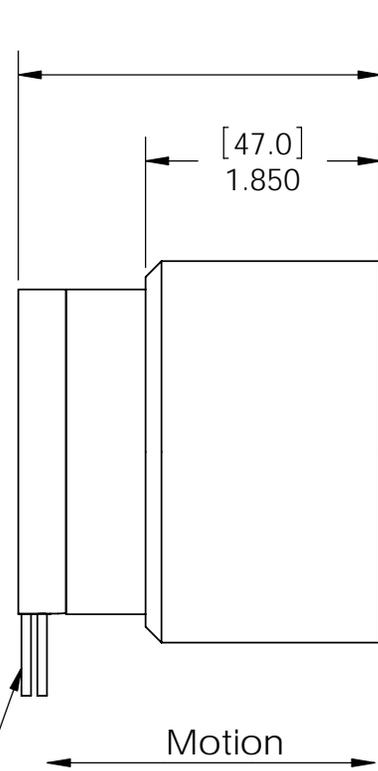
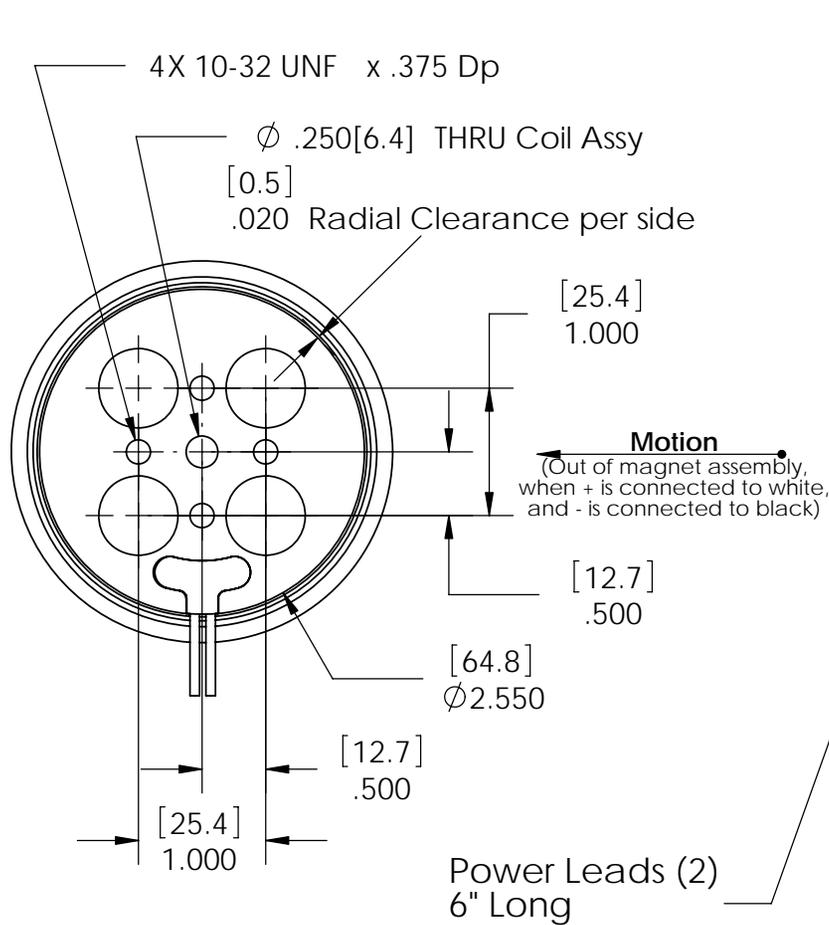


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UNLESS SPECIFIED OTHERWISE:  
All dimensions are in inches  
Standard Tolerances are as follows:  
.XXX  $\pm$ .005 ANGLES  $\pm$ 1°  
XX  $\pm$ .010 FILLETS .010  
X  $\pm$ .020 CORNERS .010  
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	12-15-11	MPW	12-15-11

TITLE		
Moving Coil Non-Commutated DC Linear Actuator Model# NCC13-30-108-1SH		
DWG #	REV	SHEET
30-1017	A	1 of 2

## H2W Technologies, Inc.

28310-C Ave Crocker Valencia, CA 91355 USA  
Tel: (661)-702-9346 Fax: (661)-702-9348  
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<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC13-30-108-1H	
Stroke	1.25"	31.8 mm
Radial Clearance	0.020" per side	0.51 mm per side
Bearing Type	None Provided	
Moving Mass	0.55 lbs	250 grams
Total Mass	3.30 lbs	1496 grams
Resistance @ 20C	4.8 ohms	
Inductance @ 20C	4.1 mH	
Electrical Time Constant	0.9 msec	
Motor Constant	2.3 LBS/SQRT(Watt)	7.6 N/SQRT(Watt)
Force Constant	5.0 LBS/Amp	22.3 N/Amp
Back EMF	0.5 V/ips	22.3 V/m/sec
Continuous Force	10.8 LBS	48.1 N
Max Power @ 100% Duty	23 Watts	
Peak Force	32.4 LBS	144 N
Max Power @ 10% Duty	200 Watts	