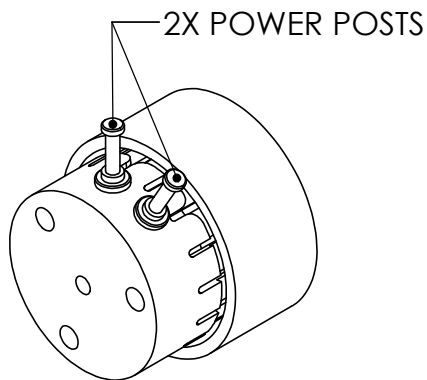
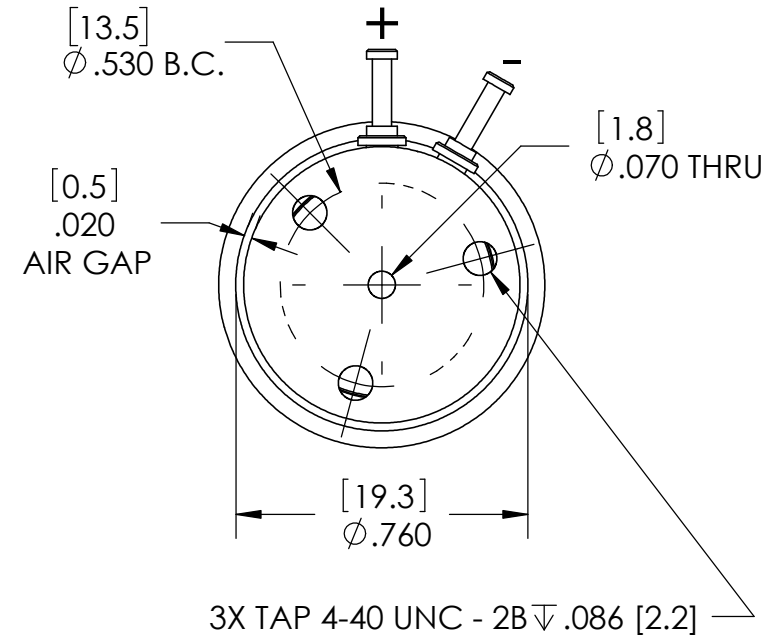
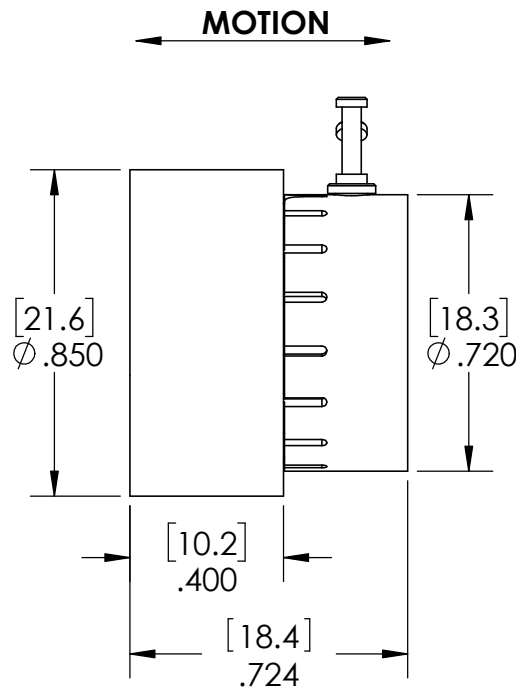
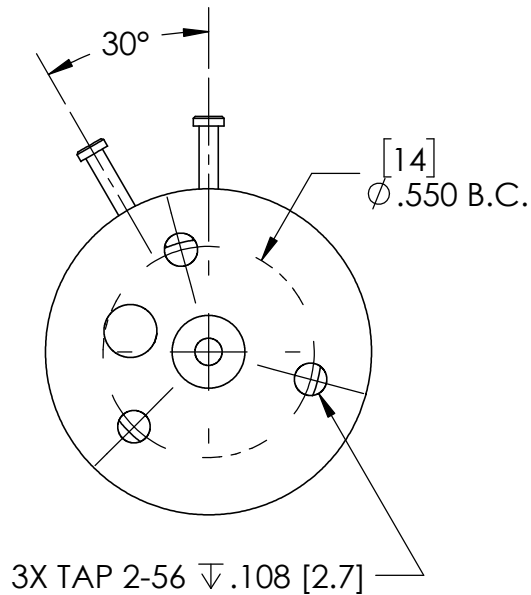


# ACTUATOR SHOWN FULLY RETRACTED

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	9-1-09



**H2W Technologies, Inc.**  
Santa Clarita, CA 91350 USA  
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[www.h2wtech.com](http://www.h2wtech.com)

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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

**Voice Coil Actuator  
Model #: NCC01-09-001-1S**

DWG # **30-0919**

REV

DATE

SHEET

9-1-09 1 of 2

1

2

3

4

5

A

A

B

B

C

C

D

D

### MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC01-09-001-1S	
Stroke	0.09"	3.0 mm
Radial Clearance	0.030" per side	0.76 mm per side
Bearing Type	None Provided	
Moving Mass	0.11 oz	3.0 grams
Total Mass	0.53 oz	15.0 grams
Resistance @ 20C	20 ohms	
Inductance @ 20C	1.7 mH	
Electrical Time Constant	0.09 msec	
Motor Constant	0.11 LBS/SQRT(Watt)	0.47 N/SQRT(Watt)
Force Constant	0.48 LBS/Amp	2.10 N/Amp
Back EMF	0.05 V/ips	2.10 V/m/sec
Continuous Force	0.11 LBS	0.49 N
Max Power @ 100% Duty	1.1 Watts	
Peak Force	0.33 LBS	1.47 N
Max Power @ 10% Duty	10.3 Watts	



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2 of 2