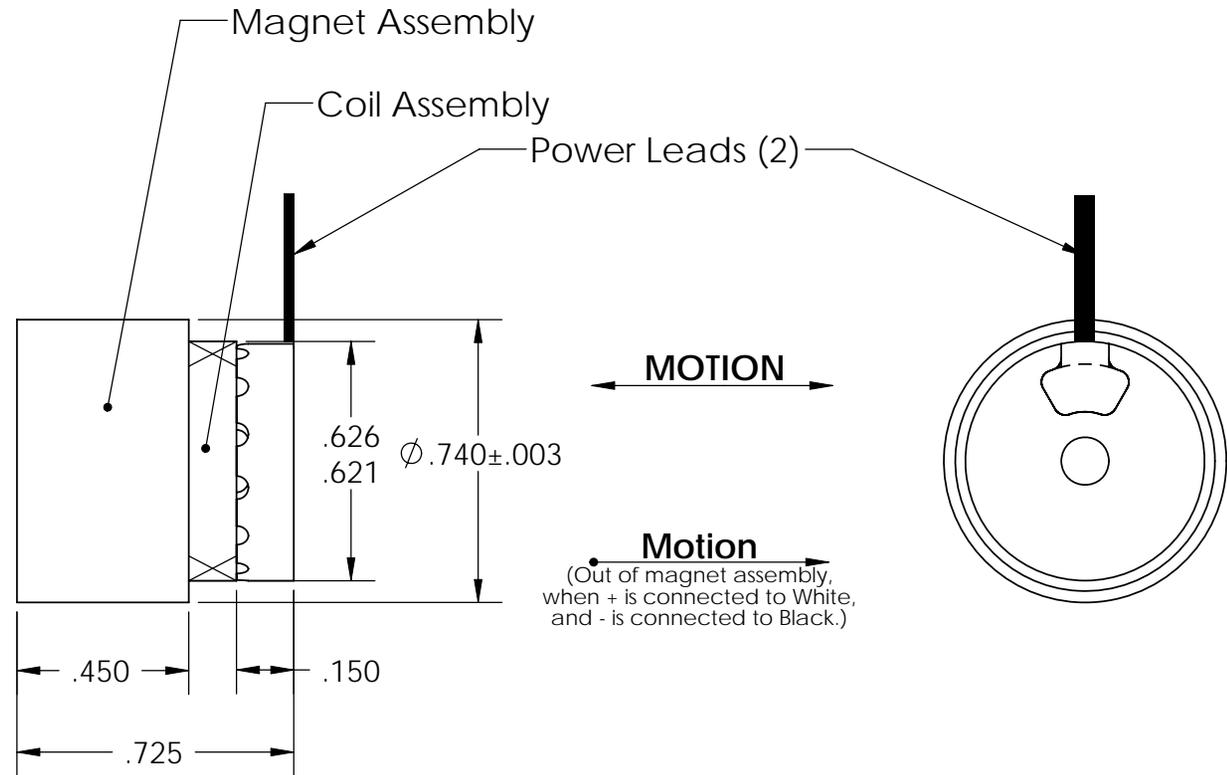
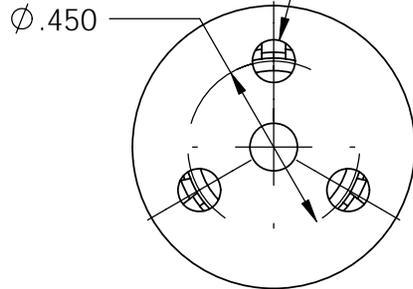
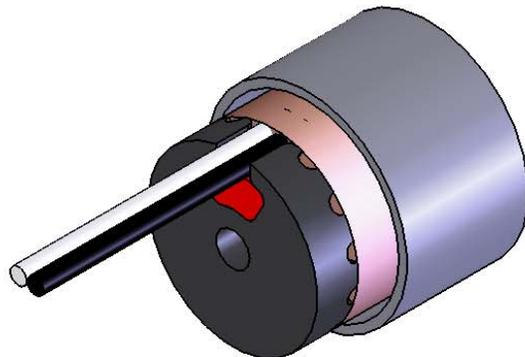


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3X  $\phi$  .089  $\nabla$  .100  
 4-40 UNC  $\nabla$  .100



Model View shown at Midstroke



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	11-27-07	MPW	11-27-07

TITLE			
<b>H2W Technologies, Inc.</b> 26470 Ruether Ave #102 Santa Clarita, CA 91350 USA Tel: (661)251-2081 Fax: (661)251-2067 www.h2wtech.com			
<b>Moving Coil Non-Comm Actuator            Model# NCC03-07-001-1V</b>			
DWG #	REV	SHEET	
<b>30-0629</b>	<b>A</b>	1 of 2	

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC03-07-001-1V	
Stroke	0.25"	6.4 mm
Radial Clearance	0.030" per side	0.76 mm per side
Bearing Type	None Provided	
Moving Mass	0.25 oz	7 grams
Total Mass	0.67 oz	19 grams
Resistance @ 20C	9.6 ohms	
Inductance @ 20C	1.4 mH	
Electrical Time Constant	140 $\mu$ sec	
Motor Constant	0.19 LBS/SQRT(Watt)	0.83 N/SQRT(Watt)
Force Constant	0.58 LBS/Amp	2.58 N/Amp
Back EMF	0.07 V/ips	2.58 V/m/sec
Continuous Force	0.12 LBS	0.53 N
Max Power @ 100% Duty	0.4 Watts	
Peak Force	0.36 LBS	1.60 N
Max Power @ 10% Duty	3.6 Watts	

TITLE	<b>Moving Coil Non-Comm Actuator Model# NCC03-07-001-1V</b>	
DWG #	<b>30-0629</b>	REV <b>A</b>
		SHEET 2 of 2