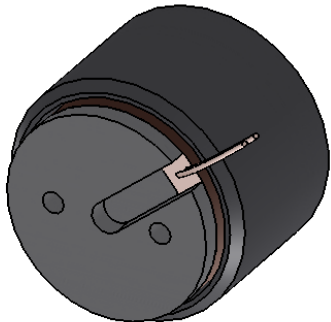
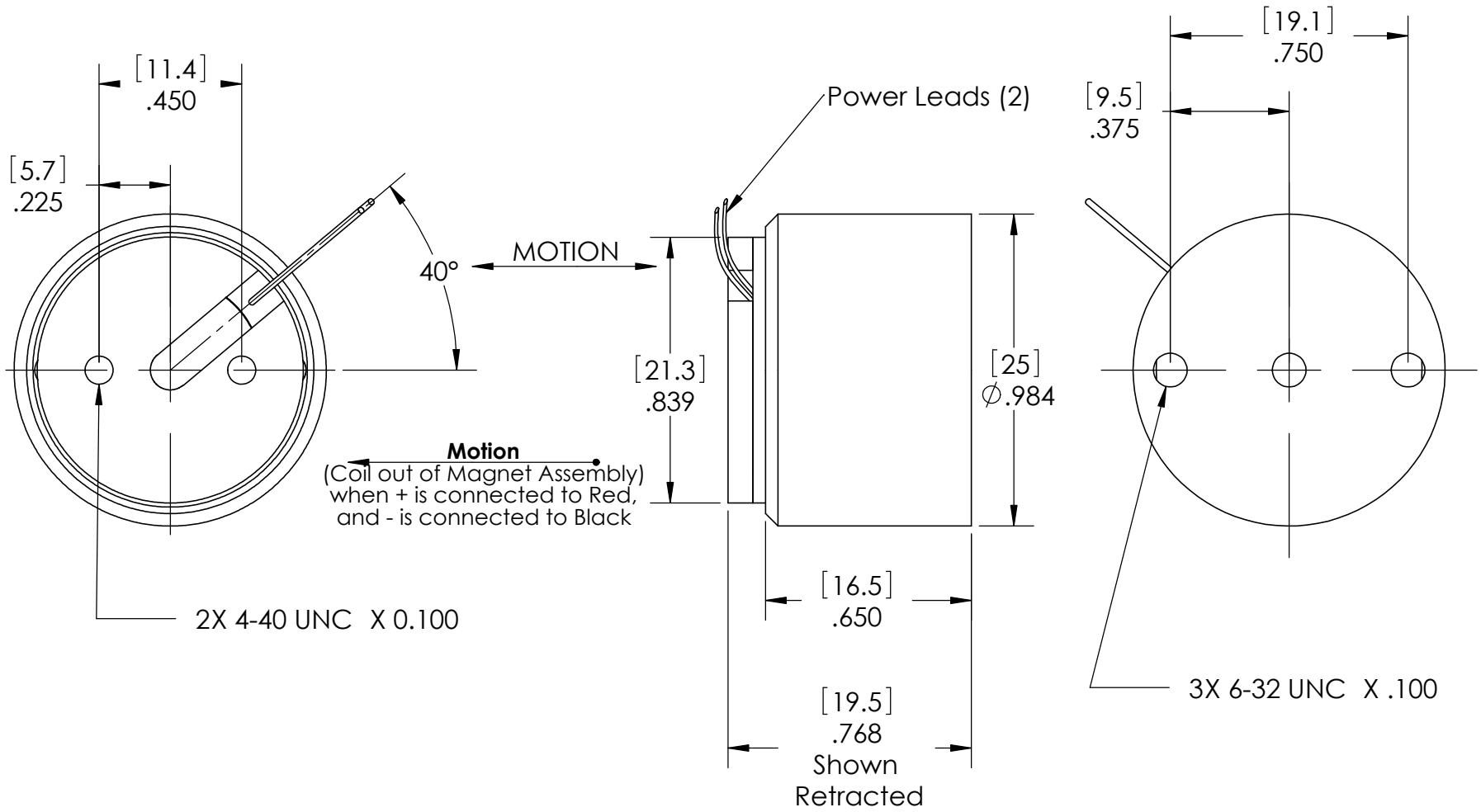


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc.



## H2W Technologies, Inc.

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

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

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
OOG	1-8-09	MPW	1-8-08

TITLE		
Moving Coil Non-Comm Actuator Model# NCC04-10-005-1A		
DWG #	REV	ECN
30-0828	B	

<b>NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC04-10-005-1A	
Device Type	Moving Coil	
Stroke	0.40 in	10.2 mm
Radial Clearance	0.015 in	0.38 mm
Bearing Type	None Provided	
Moving Mass	0.03 lbs	18 grams
Total Mass	0.13 lbs	58 grams
Resistance @ 20C	5.0 ohms	
Inductance @ 20C	2.3 mH	
Electrical Time Constant	0.46 msec	
Motor Constant	0.44 lbs/sqrt(watt)	2.0 N/sqrt(watt)
Force Constant	1.0 lbs/amp	4.2 N/amp
Back EMF	0.11 V/ips	4.2 V/m/sec
Force @ 100% Duty	0.5 lbs	2.2 N
Power @ 100% Duty	2.0 watts	
Current @ 100% Duty	0.5 amps	
Force @ 10% Duty	1.5 lbs	6.7 N
Power @ 10% Duty	27 watts	
Current @ 10% Duty	1.5 amps	

TITLE	<b>Moving Coil Non-Comm Actuator Model# NCC04-10-005-1A</b>	
DWG #	<b>30-0828</b>	REV <b>B</b>
		SHEET 2 of 2