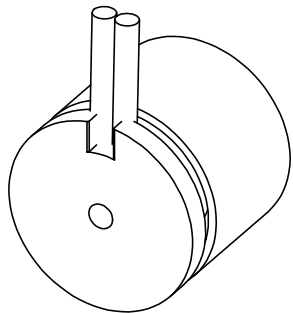
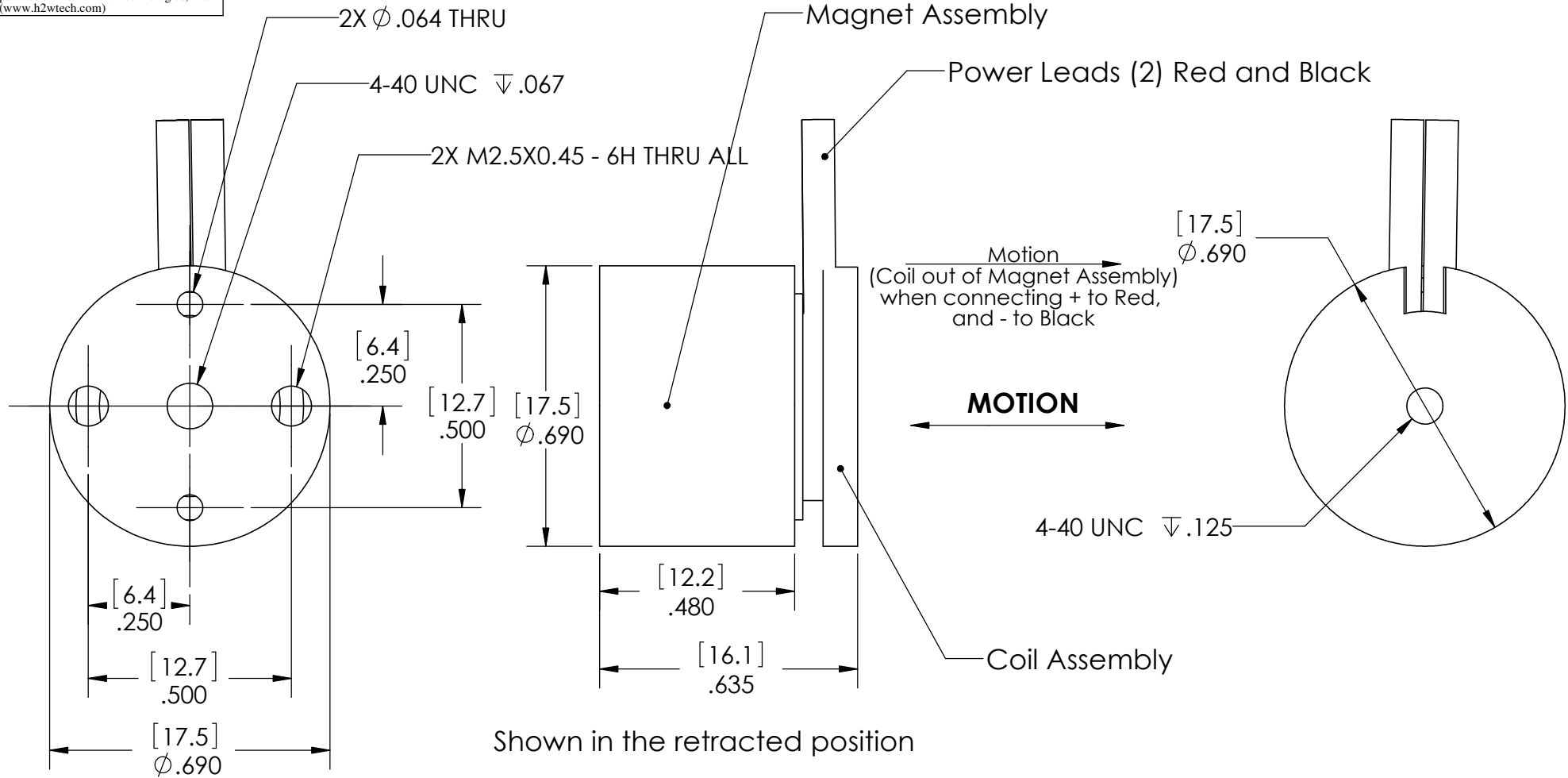


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc. (www.h2wtech.com)



H2W Technologies, Inc.

26470 Ruether Ave #102, Santa Clarita, CA, 91350
 Tel: (661) 251-2081 Fax: (661) 251-2067
 www.h2wtech.com

TITLE		Moving Coil Non-Comm Actuator Model #NCC01-07-001-1R	
DWG #	30-0560	REV	C
SHEET	1 of 2		

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
OOG	2-13-07	MPW	2-13-07

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC01-07-001-1R	
Stroke	0.12"	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	6.5 ohms	
Inductance @ 20C	0.2 mH	
Electrical Time Constant	0.03 msec	
Motor Constant	0.14 LBS/SQRT(Watt)	0.62 N/SQRT(Watt)
Force Constant	0.34 LBS/Amp	1.50 N/Amp
Back EMF	0.04 V/ips	1.50 V/m/sec
Continuous Force	0.15 LBS	0.67 N
Max Power @ 100% Duty	1.1 Watts	
Peak Force	0.45 LBS	2.00 N
Max Power @ 10% Duty	10.3 Watts	