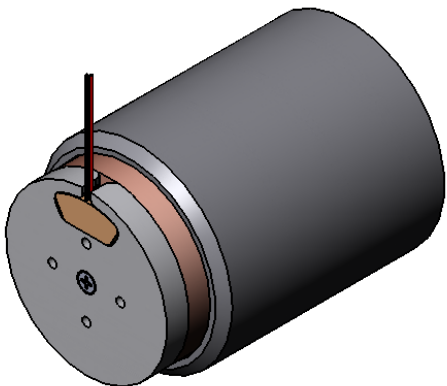
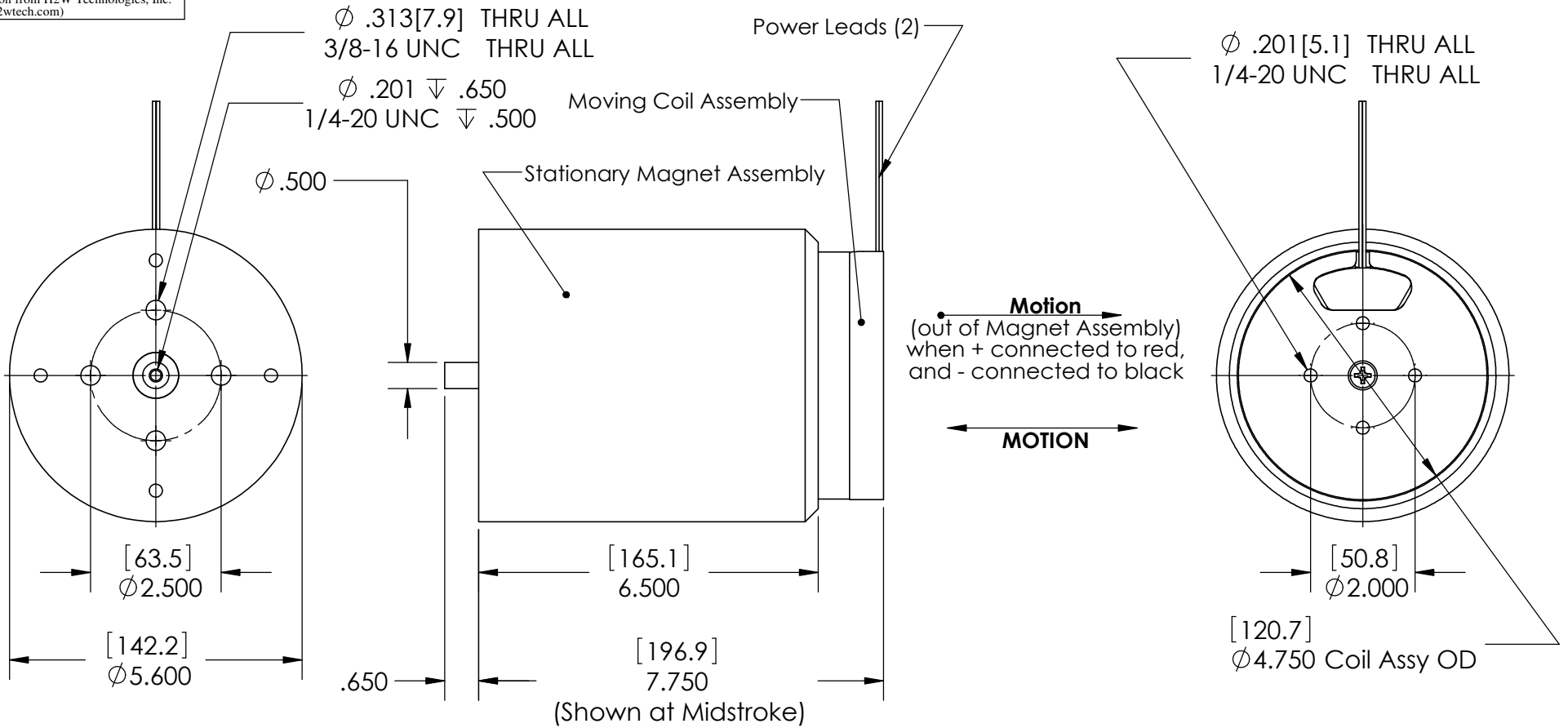


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UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX ±.005 ANGLES ±1°
 .XX ±.010 FILLETS .010
 X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	4-26-06	MPW	4-26-06

TITLE			
H2W Technologies, Inc. 28310-C Ave Crocker Valencia, CA 91355 USA Tel: (661)-702-9346 Fax: (661)-702-9348 www.h2wtech.com			
Moving Coil Non-Comm Actuator Model# NCC12-60-1000-2PB			
DWG #	REV	SHEET	
30-1092	---	1 of 2	

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC12-60-1000-2PB	
Stroke	1.20"	30.5 mm
Radial Clearance	0.025" per side	0.64 mm per side
Bearing Type	Sliding Contact Bushings	
Moving Mass	5.3 lbs	2.4 kgrams
Total Mass	39.5 lbs	17.9 kgrams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	2.7 mH	
Electrical Time Constant	0.90 msec	
Motor Constant	11.8 LBS/SQRT(Watt)	52.5 N/SQRT(Watt)
Force Constant	20.1 LBS/Amp	89.4 N/Amp
Back EMF	2.3 V/ips	89.4 V/m/sec
Continuous Force	100 LBS	454 N
Max Power @ 100% Duty	72 Watts	
Peak Force	300 LBS	1362 N
Max Power @ 10% Duty	646 Watts	

TITLE	Moving Coil Non-Comm Actuator Model# NCC12-60-1000-2PB		
DWG #	30-1092	REV	---
		SHEET	2 of 2