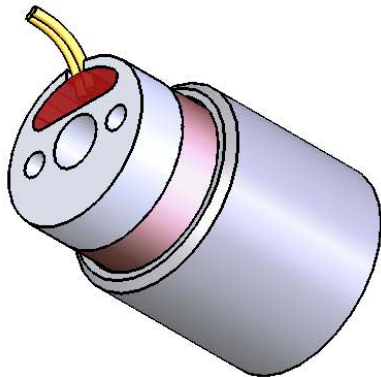
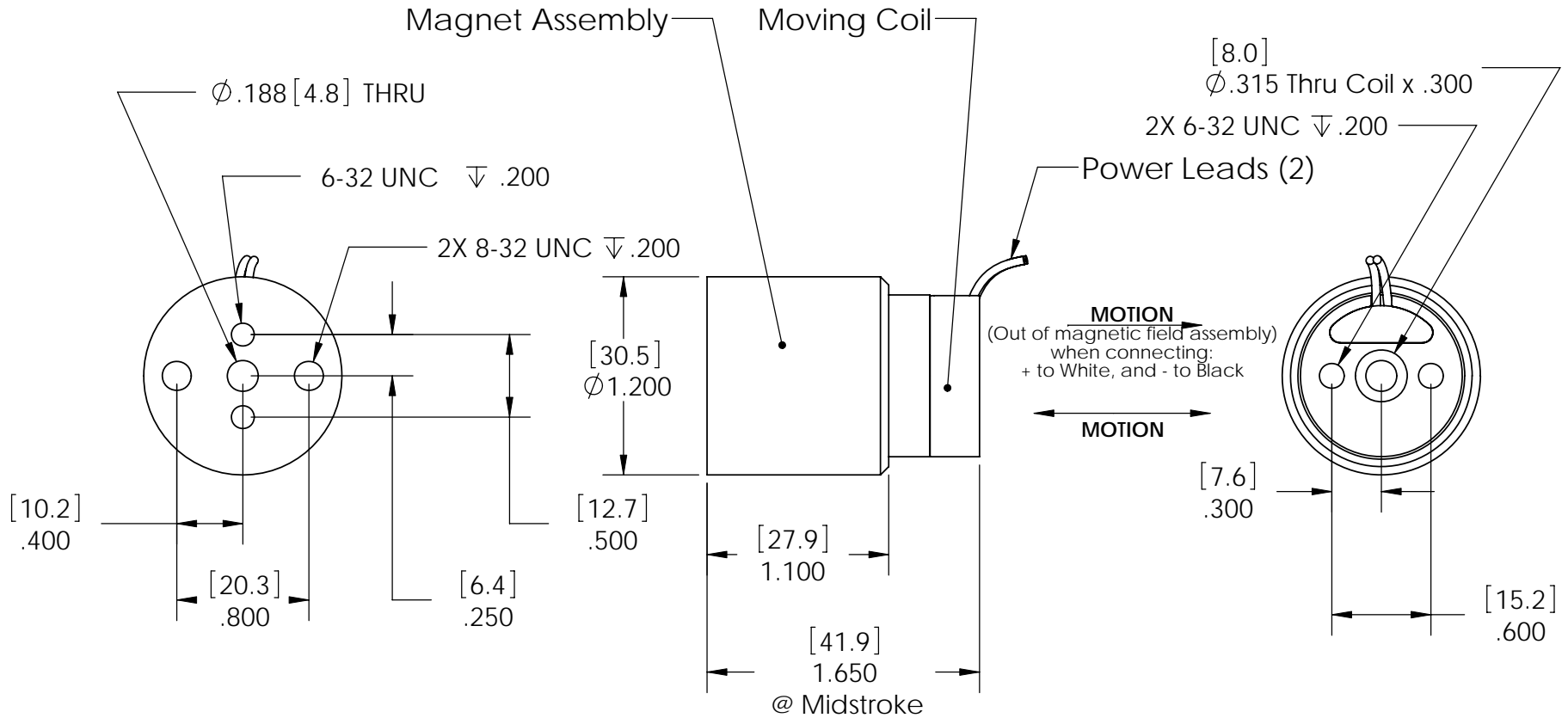


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UNLESS SPECIFIED OTHERWISE:
All dimensions are in inches
Standard Tolerances are as follows
.XXX $\pm .005$ ANGLES $\pm 1^\circ$
XX $\pm .010$ FILLETS .010
X $\pm .020$ CORNERS .010
Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	2-20-07	MPW	2-20-07

TITLE			
Moving Coil Non-Comm Actuator Model #NCC05-11-011-1X			
DWG #	REV	SHEET	
30-0126	B	1 of 2	

H2W Technologies, Inc.
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MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS		
Motor P/N	NCC05-11-011-1X	
Stroke	0.50"	12.7 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	None Provided	
Moving Mass	0.06 lbs	27 grams
Total Mass	0.32 lbs	144 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	1.0 mH	
Electrical Time Constant	0.33 msec	
Motor Constant	0.67 LBS/SQRT(Watt)	2.98 N/SQRT(Watt)
Force Constant	1.2 LBS/Amp	5.2 N/Amp
Back EMF	0.13 V/ips	5.2 V/m/sec
Continuous Force	1.1 LBS	4.9 N
Max Power @ 100% Duty	3 Watts	
Peak Force	3.3 LBS	14.7 N
Max Power @ 10% Duty	24 Watts	

TITLE	Moving Coil Non-Comm Actuator Model #NCC05-11-011-1X	
DWG #	30-0126	REV B
		SHEET 2 of 2