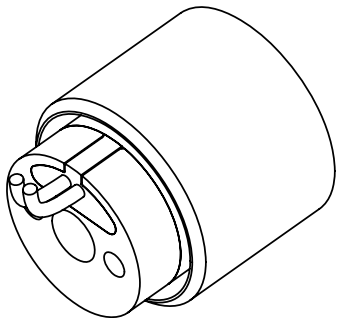
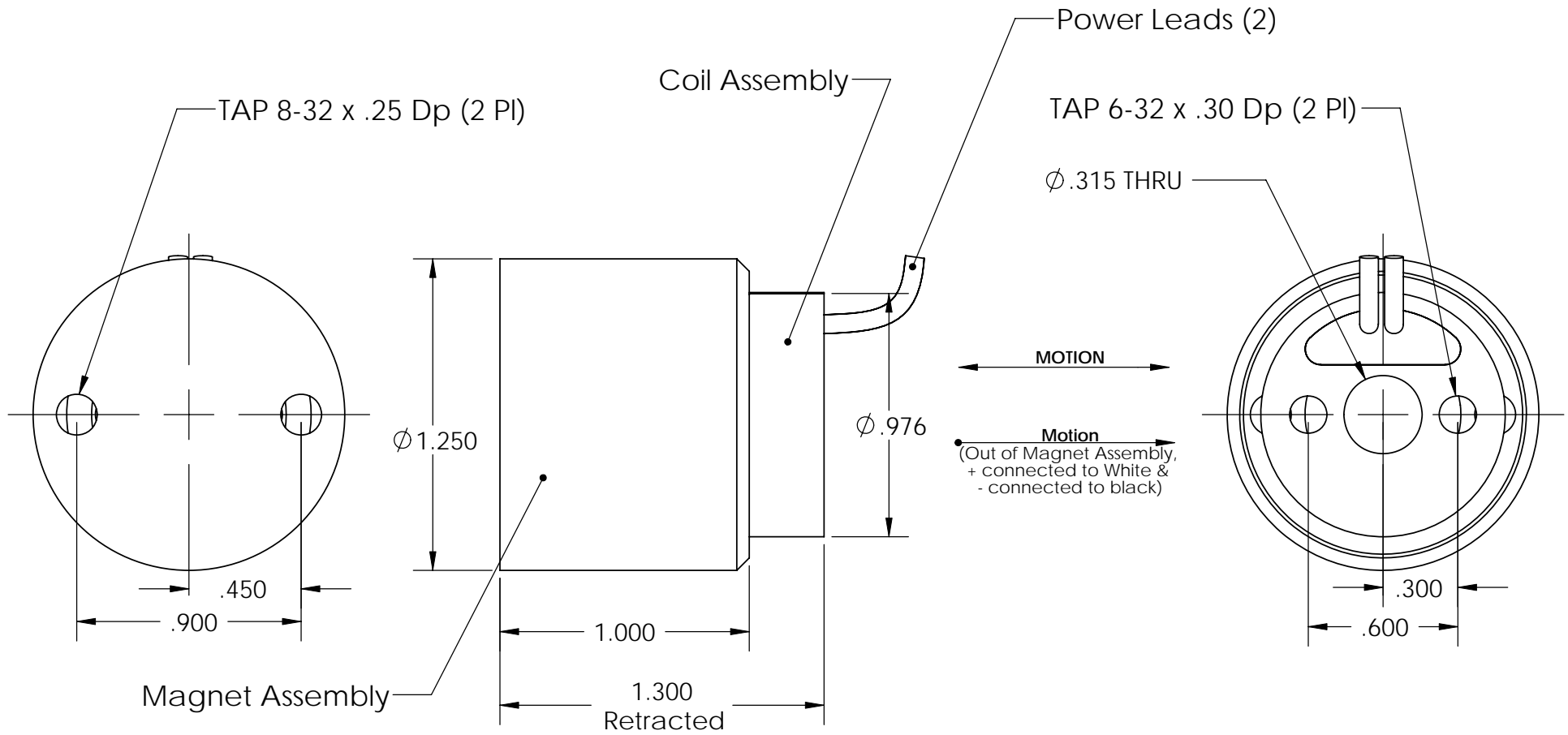


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UNLESS SPECIFIED OTHERWISE:  
 All dimensions are in inches  
 Standard Tolerances are as follows  
 .XXX  $\pm .005$  ANGLES  $\pm 1^\circ$   
 .XX  $\pm .010$  FILLETS .010  
 X  $\pm .020$  CORNERS .010  
 Remove All Burrs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
OOG	9-9-08	MPW	9-9-08

TITLE		
<b>Moving Coil Non-Comm Actuator</b> <b>Model# NCC02-13-008-1R</b>		
DWG #	REV	SHEET
30-0782	A	1 of 2

**H2W Technologies, Inc.**  
 28310-C Ave Crocker Valencia, CA 91355 USA  
 Tel: (661)-702-9346 Fax: (661)-702-9348  
 www.h2wtech.com

<b>MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS</b>		
Motor P/N	NCC02-13-008-1R	
Stroke	0.50"	12.7 mm
Radial Clearance	0.070" per side	1.78 mm per side
Bearing Type	None Provided	
Moving Mass	0.95 oz	27 grams
Total Mass	4.16 oz	118 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	1.0 mH	
Electrical Time Constant	0.33 msec	
Motor Constant	0.45 LBS/SQRT(Watt)	2.00 N/SQRT(Watt)
Force Constant	0.78 LBS/Amp	3.5 N/Amp
Back EMF	0.09 V/ips	3.5 V/m/sec
Continuous Force	0.80 LBS	3.6 N
Max Power @ 100% Duty	3 Watts	
Peak Force	2.40 LBS	10.7 N
Max Power @ 10% Duty	28 Watts	

TITLE	<b>Moving Coil Non-Comm Actuator Model# NCC02-13-008-1R</b>	
DWG #	<b>30-0782</b>	REV <b>A</b>
		SHEET 2 of 2