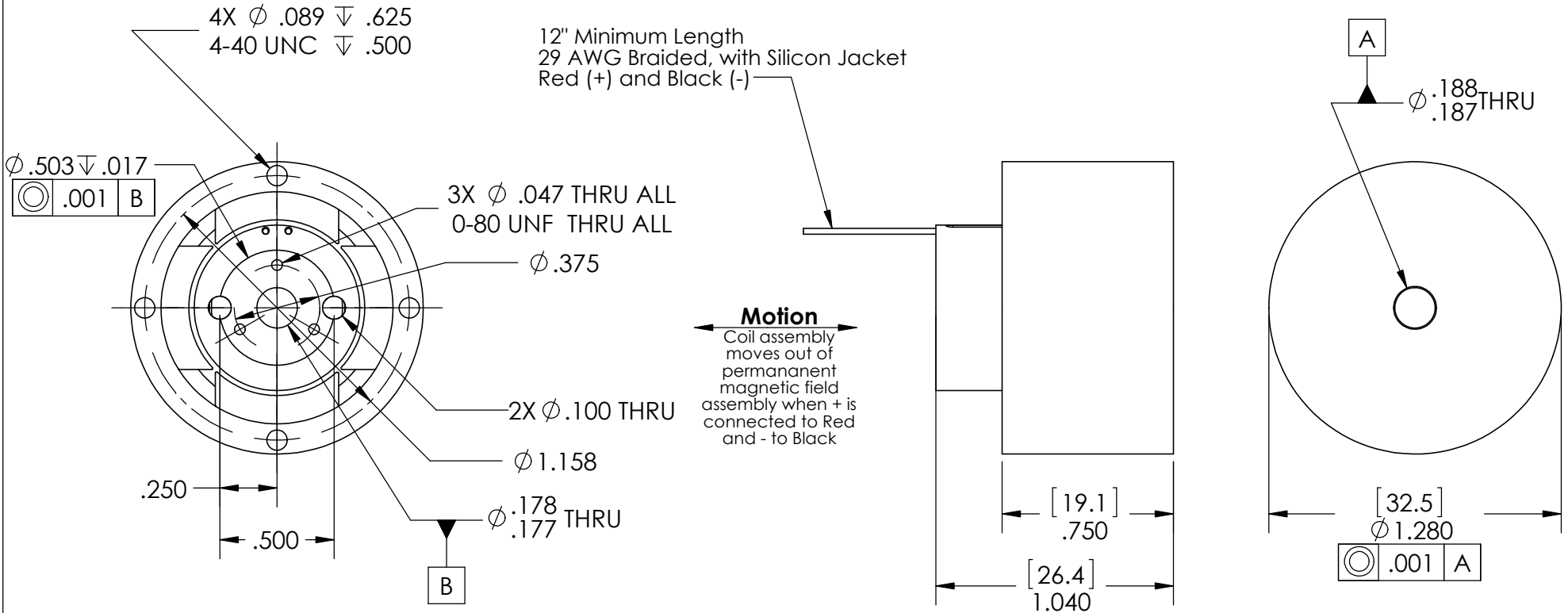
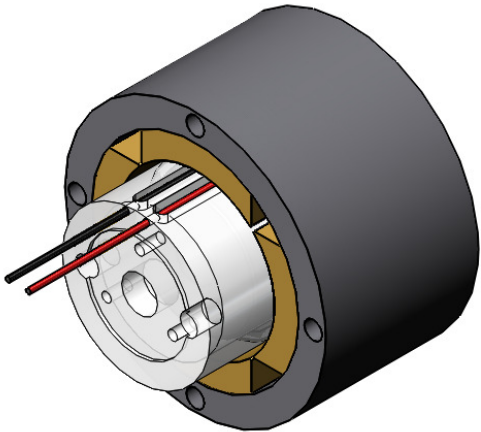


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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	1-31-14



Motor is shown at midstroke



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 Burs and Sharp Edges

MATERIAL			
FINISH			
DRAWN	DATE	APPROVED	DATE
JRM	1-31-14	MPW	1-31-14

TITLE			
Non-Comm Voice Coil Linear Actuator Model # NCC02-13-010-1MR			
DWG #	REV	SHEET	
30-1171	---	1 of 2	

H2W Technologies, Inc.
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NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC02-13-010-1MR	
Device Type	Moving Coil	
Stroke	0.22 in	5.6 mm
Radial Clearance	0.010 in	0.25 mm
Bearing Type	None Provided	
Moving Mass	0.13 oz	3.8 grams
Total Mass	3.1 oz	87 grams
Resistance @ 20C	6.5 ohms	
Inductance @ 20C	1.25 mH	
Electrical Time Constant	0.19 msec	
Motor Constant	0.39 lbs/sqrt(watt)	1.75 N/sqrt(watt)
Force Constant	1.0 lbs/amp	4.5 N/amp
Back EMF	0.11 V/ips	4.5 V/m/sec
Force @ 100% Duty	1.0 lbs	4.5 N
Power @ 100% Duty	6.5 watts	
Current @ 100% Duty	1.0 amps	
Force @ 10% Duty	3.0 lbs	13.4 N
Power @ 10% Duty	59 watts	
Current @ 10% Duty	3.0 amps	