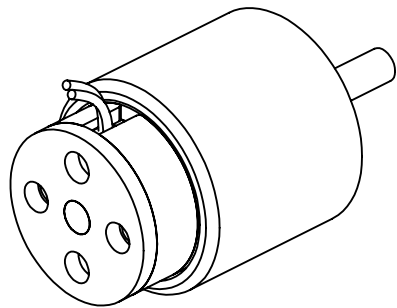
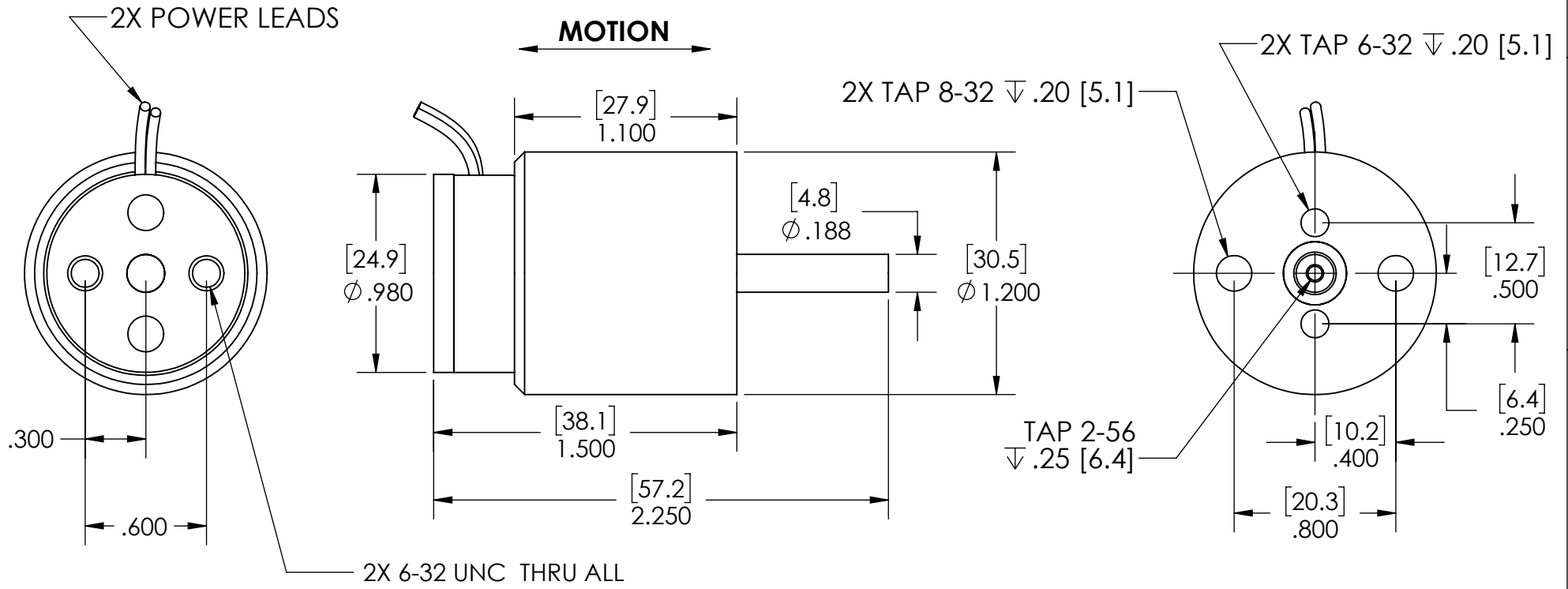


# ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	11-9-11
A	1492	Added Coil Threaded Hole Callouts	JRM	MPW	4-26-13



1

2

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A

A

### MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC05-11-011-1PBS	
Stroke	0.50"	12.7 mm
Radial Clearance	0.015" per side	0.38 mm per side
Bearing Type	Linear Bushing	
Moving Mass	0.10 lbs	44 grams
Total Mass	0.25 lbs	110 grams
Resistance @ 20°C	6.0 ohms	
Inductance @ 20°C	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	

B

B

C

C

D

D



**H2W Technologies, Inc.**  
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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

**FOR  
 REFERENCE  
 ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Actuator  
 Model #: NCC05-11-011-1PBS

DWG # **30-1009**

REV

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DATE

11-9-11

SHEET

2 of 2