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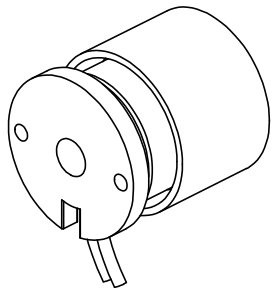
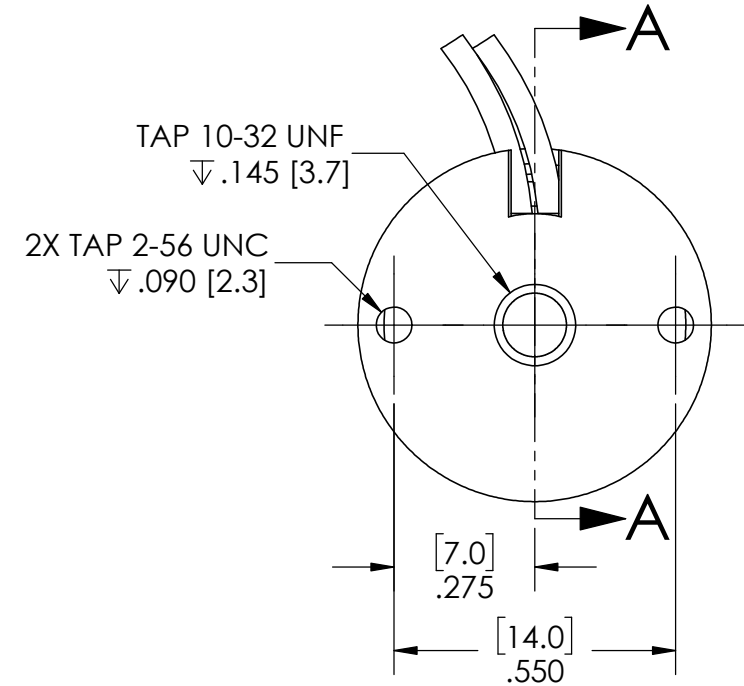
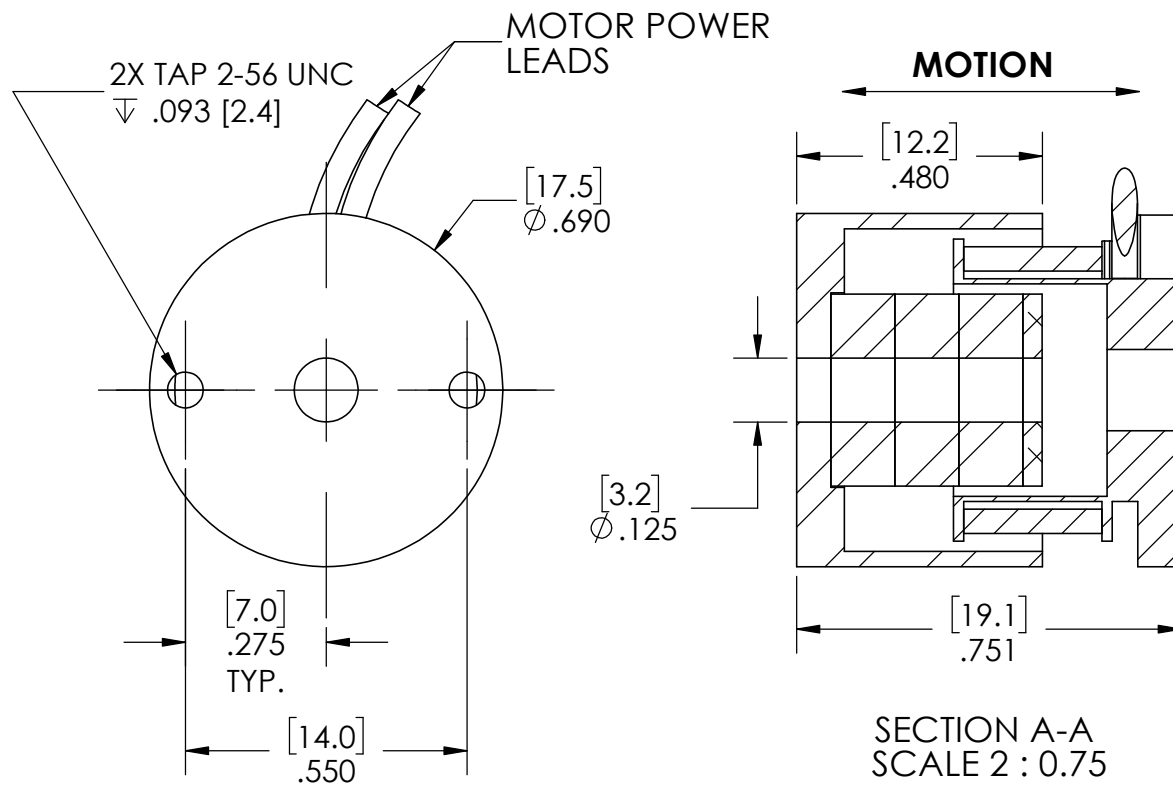
4

5

ACTUATOR SHOWN AT MID STROKE

REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	9-16-11
A	---	Updated motor specifications	OOG	MPW	9-16-11



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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

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Actuator
Model #: NCC02-07-001-1RH

DWG #

30-0993

REV

A

DATE

9-16-11

SHEET

1 of 2

1

2

3

4

5

A

A

B

B

C

C

D

D

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC02-07-001-1RH	
Stroke	0.20"	5.1 mm
Radial Clearance	0.020" per side	0.51 mm per side
Bearing Type	None Provided	
Moving Mass	0.25 oz	7 grams
Total Mass	0.63 oz	18 grams
Resistance @ 20C	1.5 ohms	
Inductance @ 20C	0.20 mH	
Electrical Time Constant	0.13 msec	
Motor Constant	0.20 lbs/sqrt(watt)	0.89 N/sqrt(watt)
Force Constant	0.24 lbs/amp	1.08 N/amp
Back EMF	0.03 Volts/ips	1.08 Volts/m/sec
Continuous Force	0.20 LBS	0.89 N
Max Power @ 100% Duty	1 Watt	
Peak Force	0.60 LBS	2.67 N
Max Power @ 10% Duty	9 Watts	



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 .XX ±.010 FILLETS .010
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 Model #: NCC02-07-001-1RH

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2 of 2