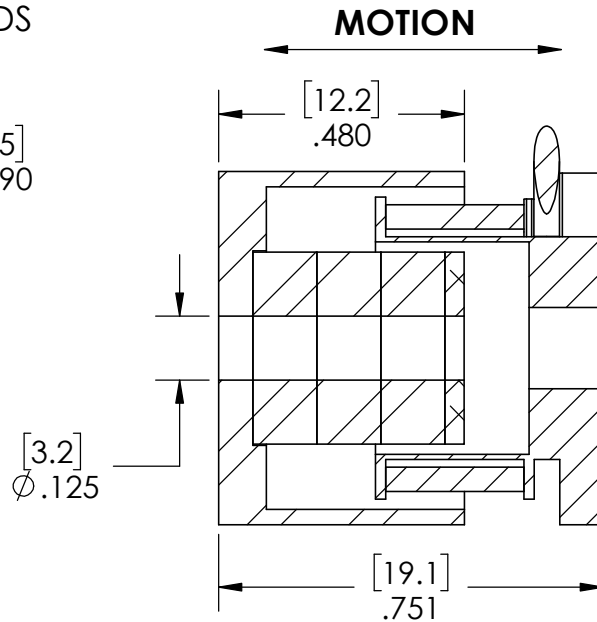
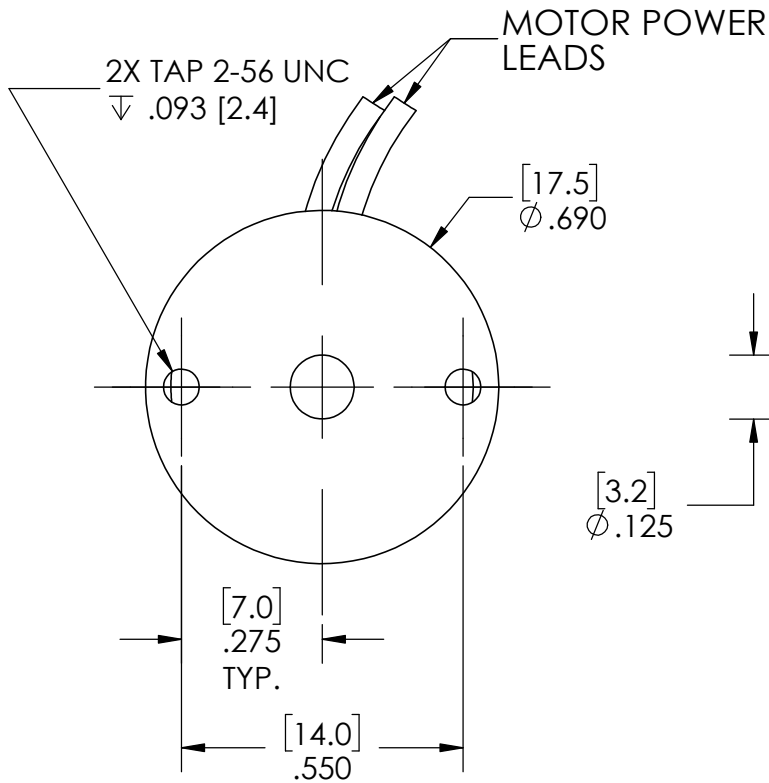
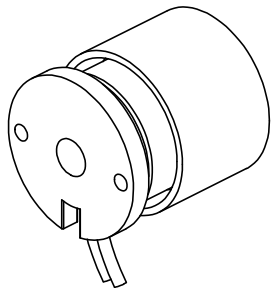
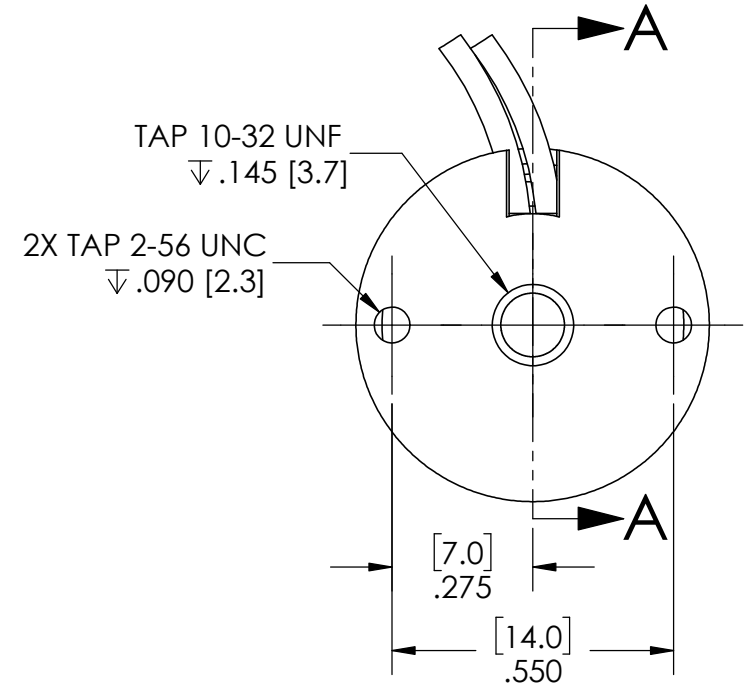


ACTUATOR SHOWN AT MID STROKE

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



SECTION A-A
 SCALE 2 : 0.75



1

2

3

4

5

A

A

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	

B

B

C

C

D

D



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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 #: NCC02-07-001-1RH

DWG # **30-0993**REV **A**

DATE 9-16-11 SHEET 2 of 2