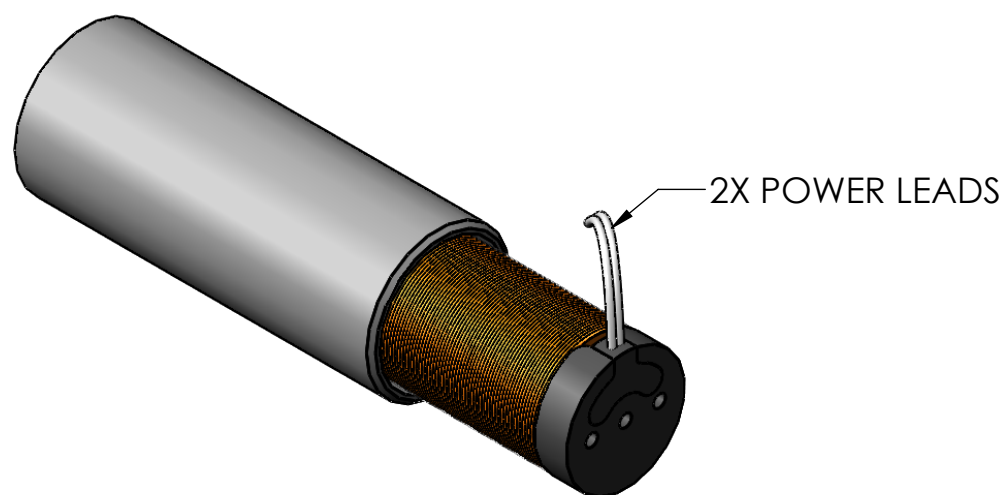
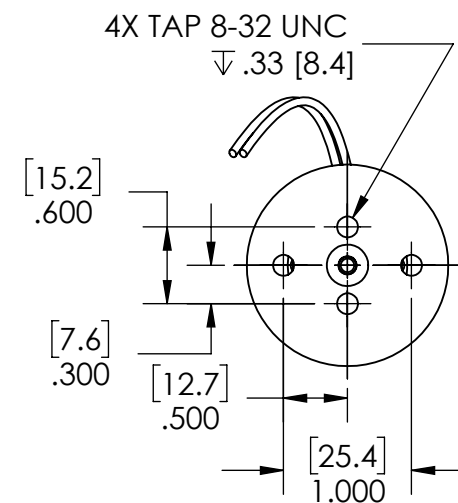
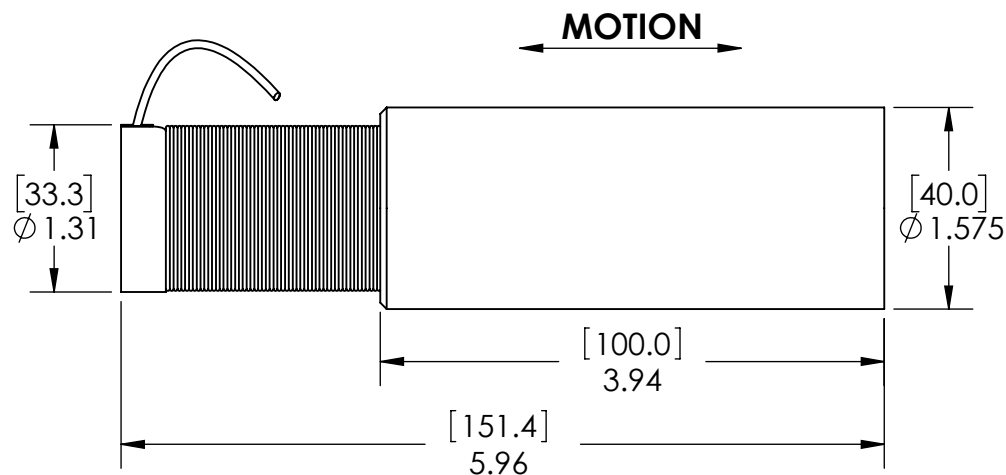
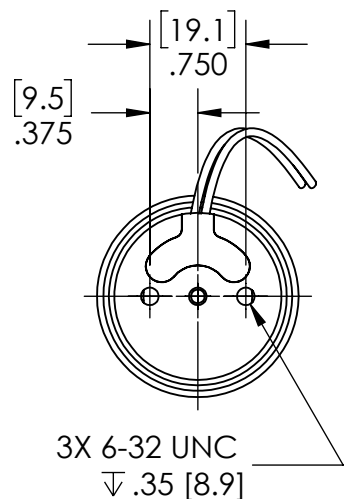


ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
A	---	Original Drawing	JRM	MPW	10-04-08



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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 Burrs and Sharp Edges

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

**Voice Coil Actuator
Model #: NCC34-16-020-1X**

DWG # **30-0661**
REV **A**
DATE 02-04-08 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	NCC34-16-020-1X	
Stroke	3.35"	85 mm
Radial Clearance	0.035" per side	0.90 mm per side
Bearing Type	None Provided	
Moving Mass	0.61 lbs	279 grams
Total Mass	1.72 lbs	780 grams
Resistance @ 20C	7.6 ohms	
Inductance @ 20C	3.8 mH	
Electrical Time Constant	0.50 msec	
Motor Constant	0.49 LBS/SQRT(Watt)	2.2 N/SQRT(Watt)
Force Constant	1.4 LBS/Amp	6.1 N/Amp
Back EMF	0.15 V/ips	6.1 V/m/sec
Continuous Force	2.0 LBS	8.9 N
Max Power @ 100% Duty	17 Watts	
Peak Force	6.0 LBS	26.7 N
Max Power @ 10% Duty	150 Watts	



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SHEET

2 of 2