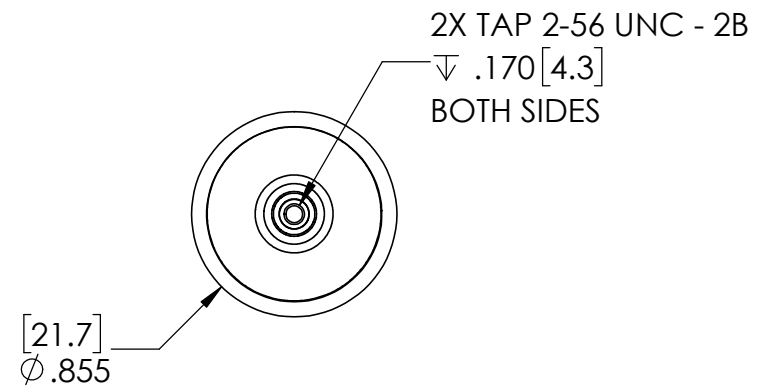
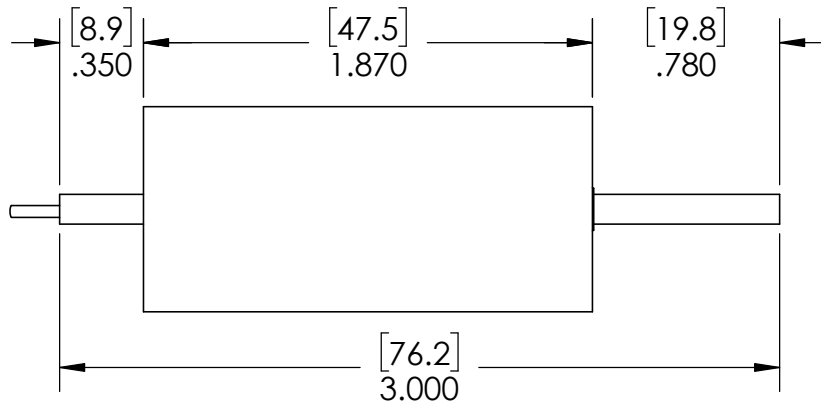
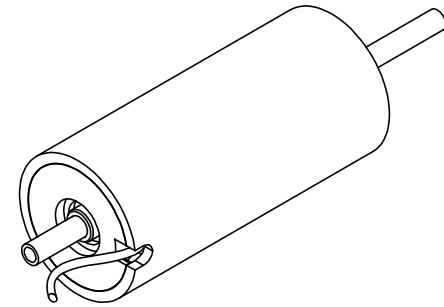
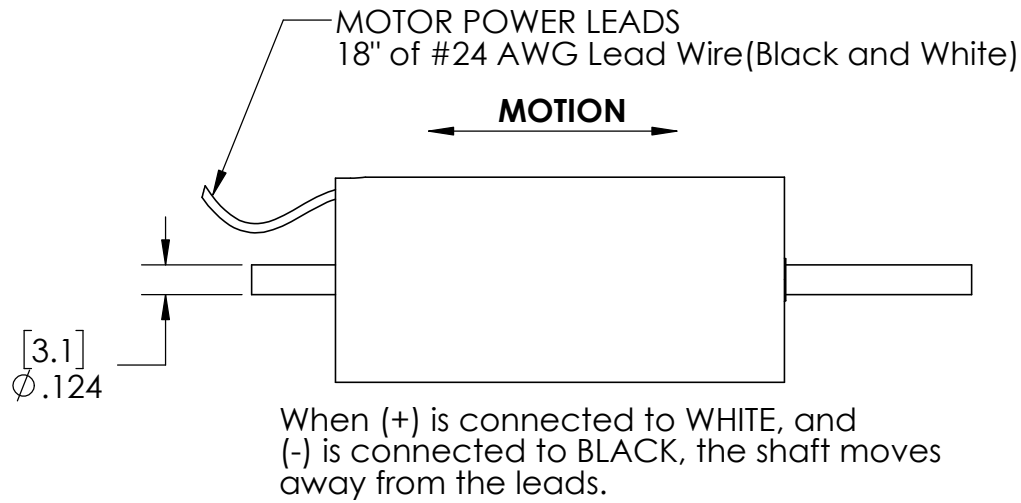


ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	7-11-17
A	2027	Changed lead exit from radial to axial.	LLR	MPW	2-5-18



1

2

3

4

5

A

A

B

B

C

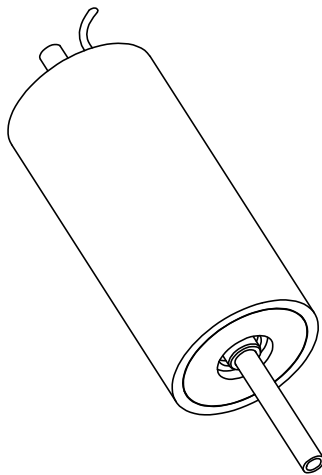
C

D

D

MOVING MAGNET VOICE COIL ACTUATOR SPECIFICATIONS

Motor P/N	NCM06-08-008-2IB	
Stroke	0.60"	15.2 mm
Bearing Type	Sliding Contact	
Moving Mass	0.05 lbs	25 grams
Total Mass	0.17 lbs	75 grams
Resistance @ 20C	1.5 ohms	
Inductance @ 20C	0.3 mH	
Electrical Time Constant	0.20 msec	
Motor Constant	0.40 LBS/SQRT(Watt)	1.78 N/SQRT(Watt)
Force Constant	0.49 LBS/Amp	2.18 N/Amp
Back EMF	0.06 V/ips	2.18 V/m/sec
Continuous Force	1.12 LBS	5.0 N
Max Power @ 100% Duty	8 Watts	
Peak Force	3.36 LBS	15.0 N
Max Power @ 10% Duty	73 Watts	

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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 #:

NCM06-08-008-2IB

DWG #

30-1308

REV

DATE

7-11-17

SHEET

2 of 2