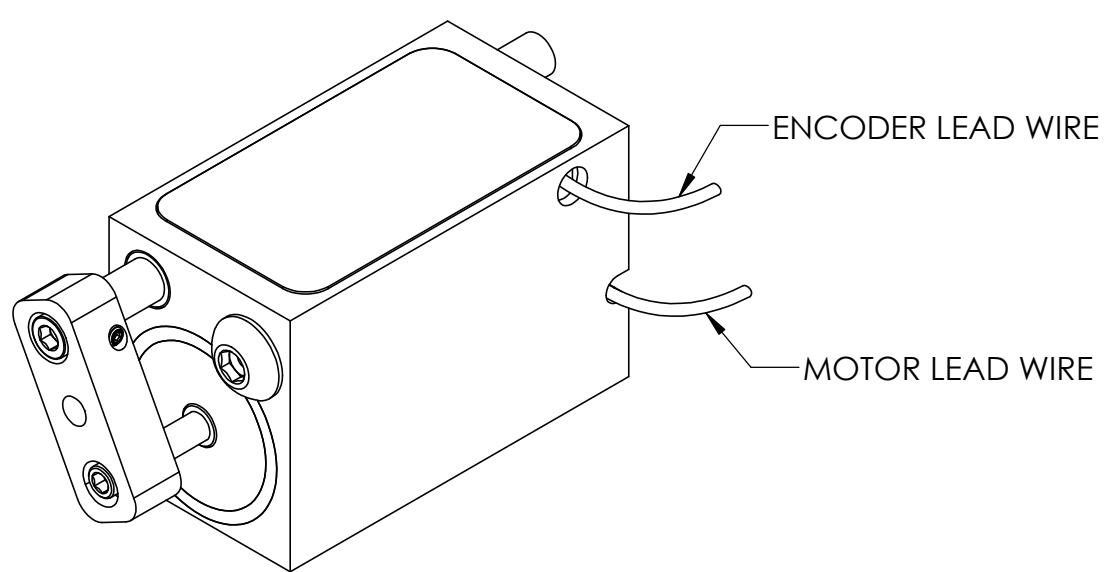
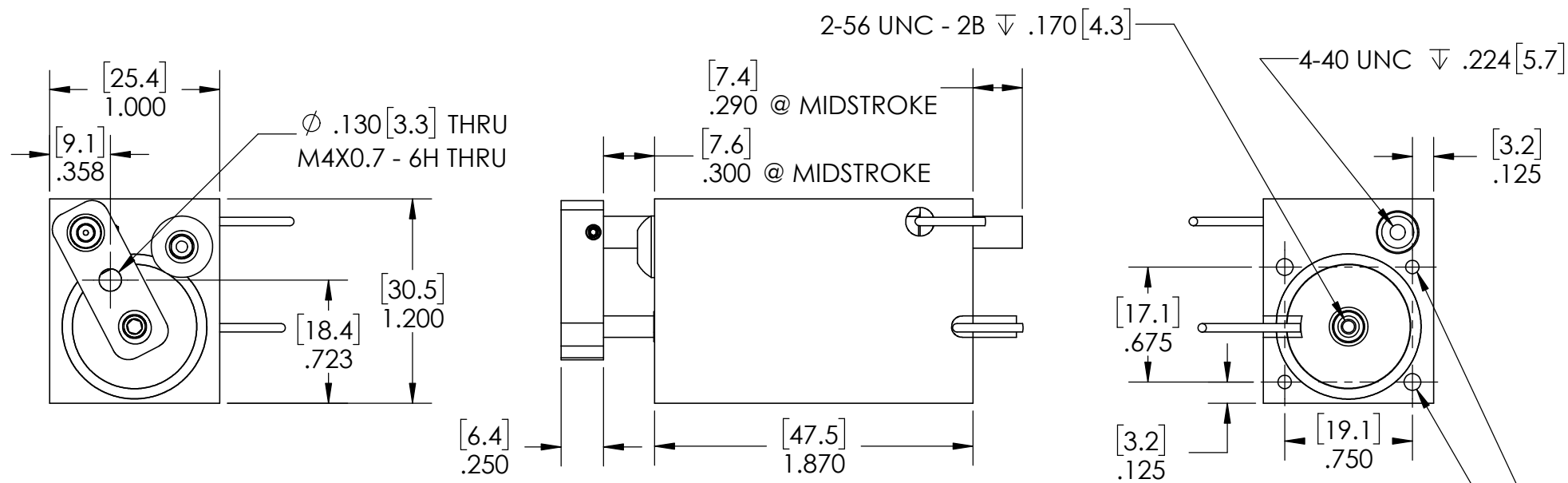


REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	SDC	MPW	4-6-17
A	1954	Added mounting & locator holes	SDC	MPW	4-14-17
B	1958	Changed Lead Exit Location	JRM	MPW	4-25-17
C	1986	Changed Housing & Cover design. Added Spec table.	SDC	MPW	6-8-17



1

2

3

4

5

A

A

B

B

C

C

D

D

VOICE COIL POSITIONING STAGE SPECIFICATIONS

Motor P/N	NCM06-08-008-2IB	
Stroke	0.60"	15.2 mm
Encoder Resolution	1.0 micron	
Bearing Type	Sliding Contact	
Moving Mass	0.05 lbs	25 grams
Total Mass	0.29 lbs	135 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 Positioning Stage
 Model #: VMS06-008-LB-01

DWG #

31-0793

REV

C

DATE

6-8-17

SHEET

2 of 2