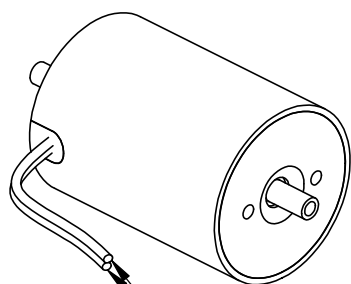
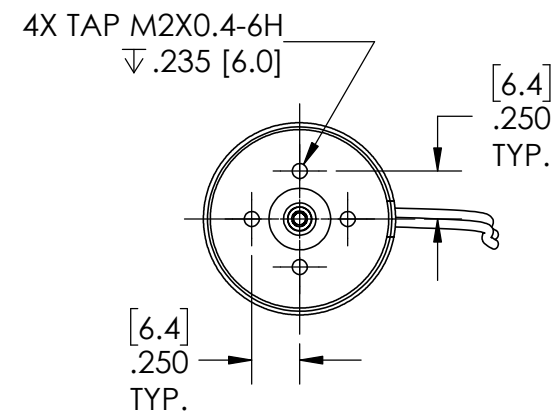
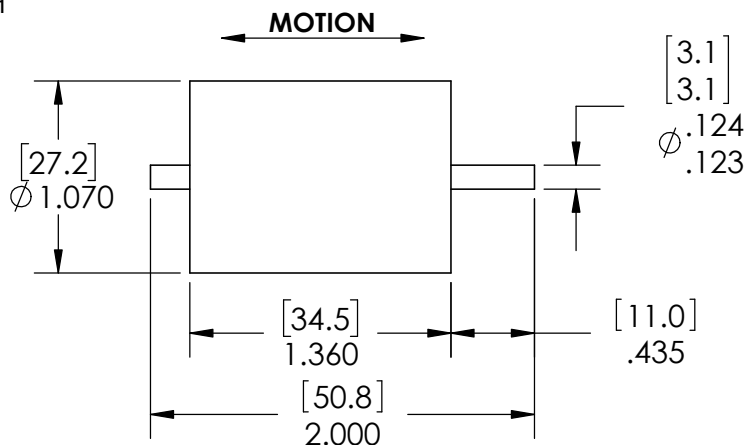
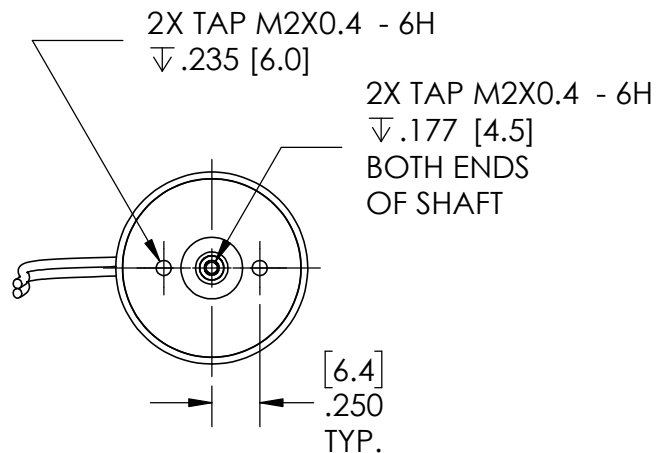


ACTUATOR SHOWN FULLY RETRACTED

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	10-24-08
A	---	Added specifications sheet	JRM	MPW	10-26-08
B	1972	Updated sheet format	SDC	MPW	5-8-17



2X POWER LEADS



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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 #: NCM02-10-012-2JB**

DWG # **30-0869**

REV **B**

DATE **5-8-17** SHEET **1 of 2**

1

2

3

4

5

A

A

B

B

C

C

D

D

MOVING MAGNET NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCM02-10-012-2JB	
Stroke	0.20"	5.1 mm
Radial Clearance	N/A in	N/A mm
Bearing Type	Jeweled Bushings	
Moving Mass	0.05 lbs	24 grams
Total Mass	0.18 lbs	81 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	0.7 mH	
Electrical Time Constant	0.23 msec	
Motor Constant	0.60 LBS/SQRT(Watt)	3.78 N/SQRT(Watt)
Force Constant	1.0 LBS/Amp	4.6 N/Amp
Back EMF	0.12 V/ips	4.6 V/m/sec
Continuous Force	1.2 LBS	5.3 N
Max Power @ 100% Duty	4 Watts	
Peak Force	3.6 LBS	16.0 N
Max Power @ 10% Duty	36 Watts	



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SHEET

2 of 2