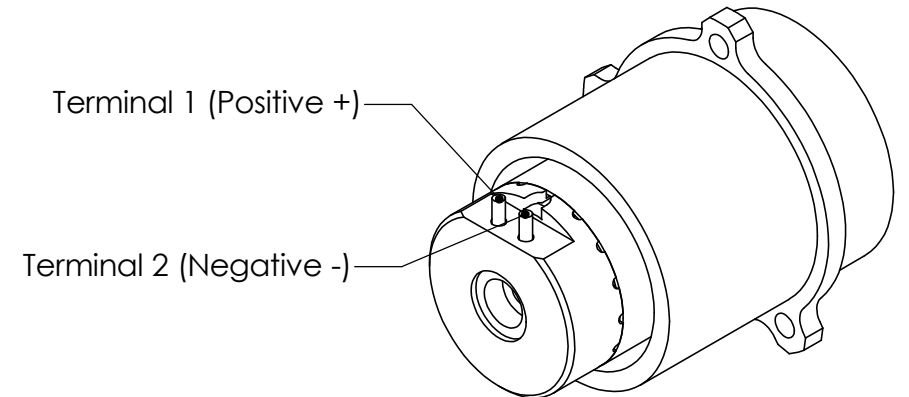
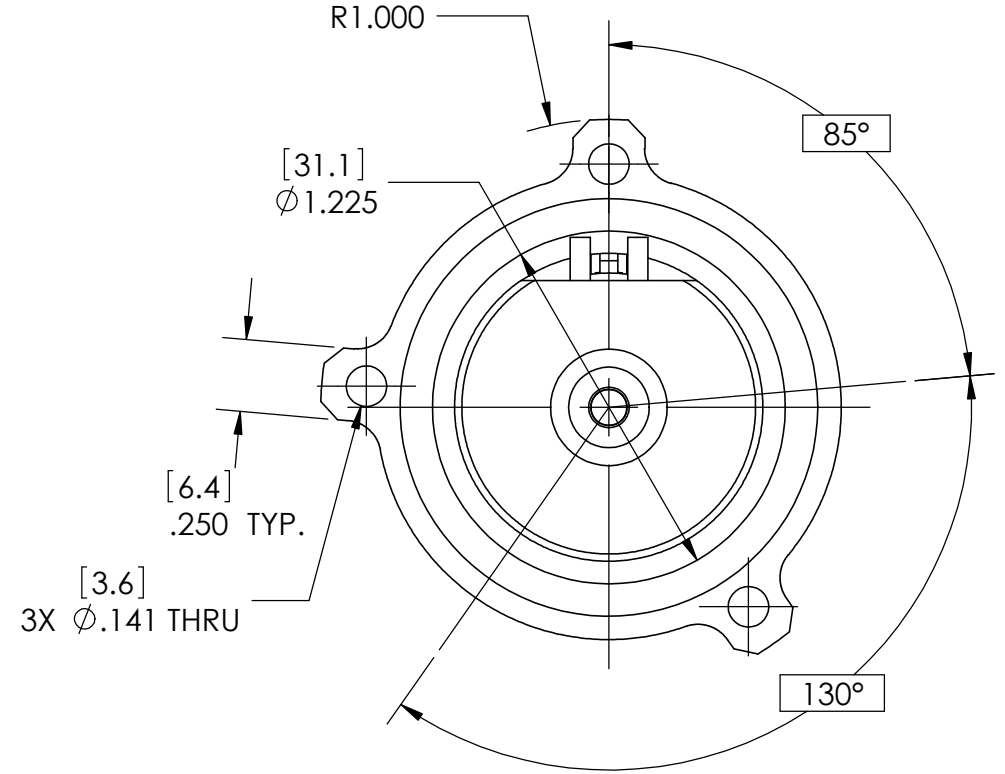
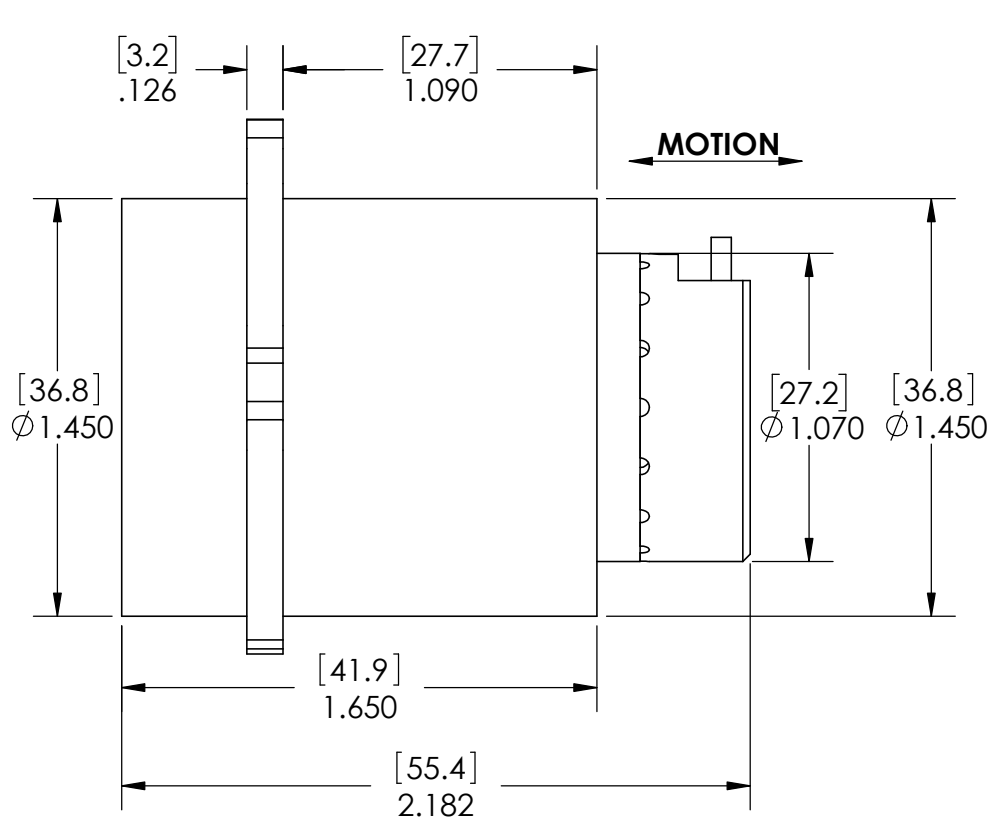


ACTUATOR SHOWN AT MIDSTROKE

REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	JRM	MPW	9-16-03
A	---	Added specifications sheet	JRM	MPW	10-24-03
B	---	----	JRM	MPW	11-8-03



1

2

3

4

5

A

A

B

B

C

C

D

D

MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS

Motor P/N	NCC03-14-010-1SL	
Stroke	0.28"	7.1 mm
Radial Clearance	0.070" per side	1.78 mm per side
Bearing Type	None Provided	
Moving Mass	1.73 oz	49 grams
Total Mass	13.00 oz	369 grams
Resistance @ 20C	5.8 ohms	
Inductance @ 20C	0.8 mH	
Electrical Time Constant	130 μ sec	
Motor Constant	0.36 LBS/SQRT(Watt)	1.58 N/SQRT(Watt)
Force Constant	0.86 LBS/Amp	3.81 N/Amp
Back EMF	0.10 V/ips	3.81 V/m/sec
Continuous Force	1.00 LBS	4.45 N
Max Power @ 100% Duty	8 Watts	
Peak Force	3.00 LBS	13.35 N
Max Power @ 10% Duty	69 Watts	



H2W Technologies, Inc.
 Santa Clarita, CA 91350 USA
 Tel: (661) 291-1620
www.h2wtech.com

These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc.

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 #: NCC03-14-010-1SL

DWG #

30-0237

REV

B

DATE

11-8-03

SHEET

2 of 2