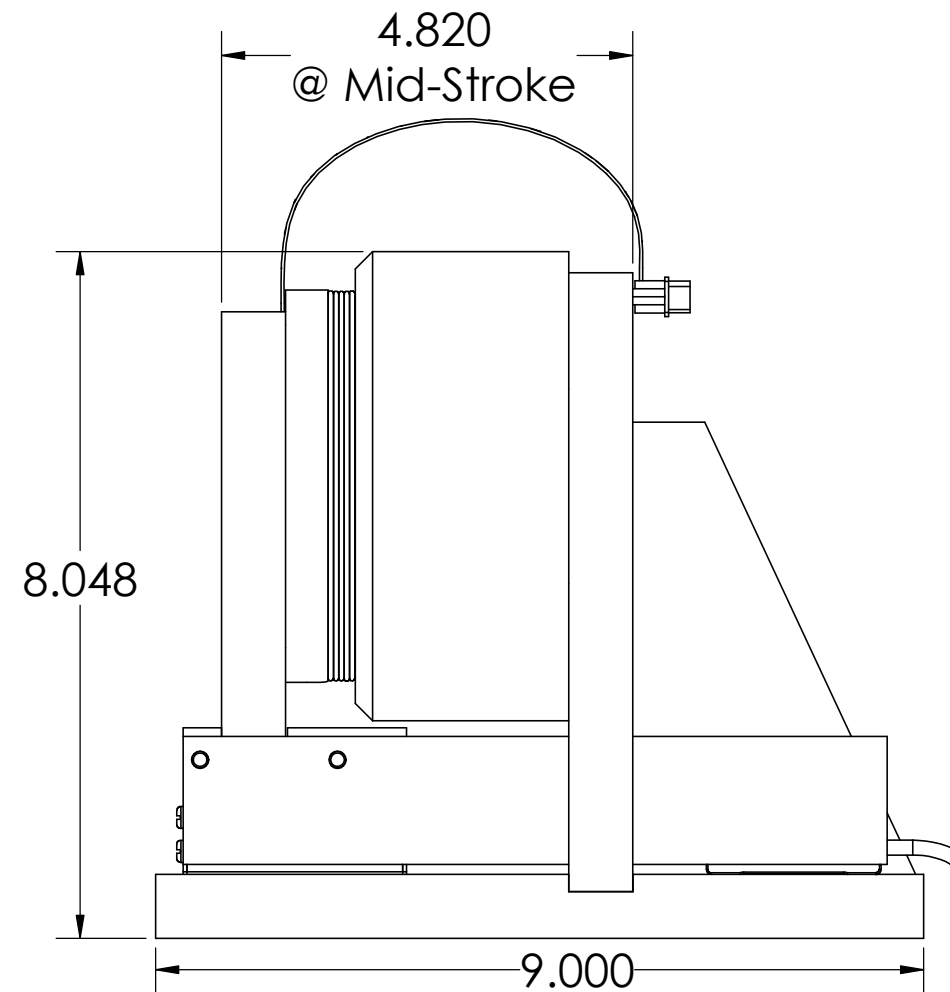
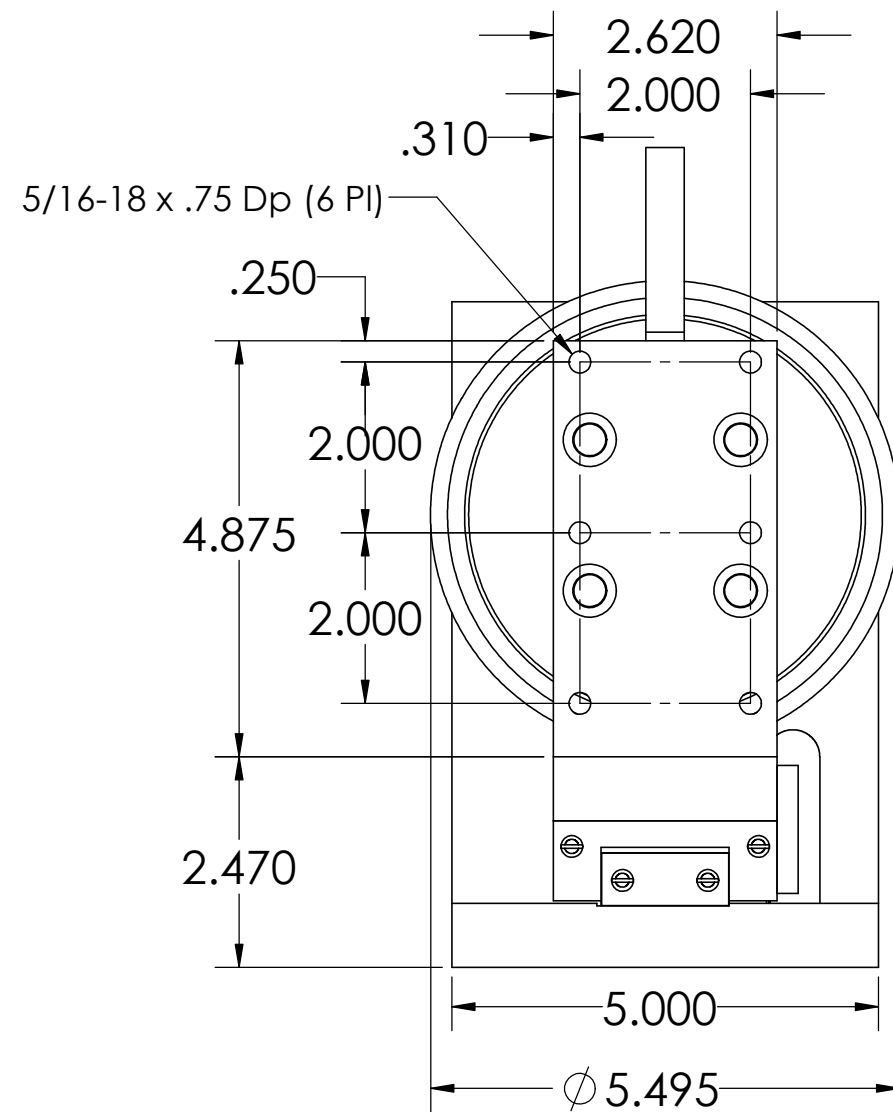
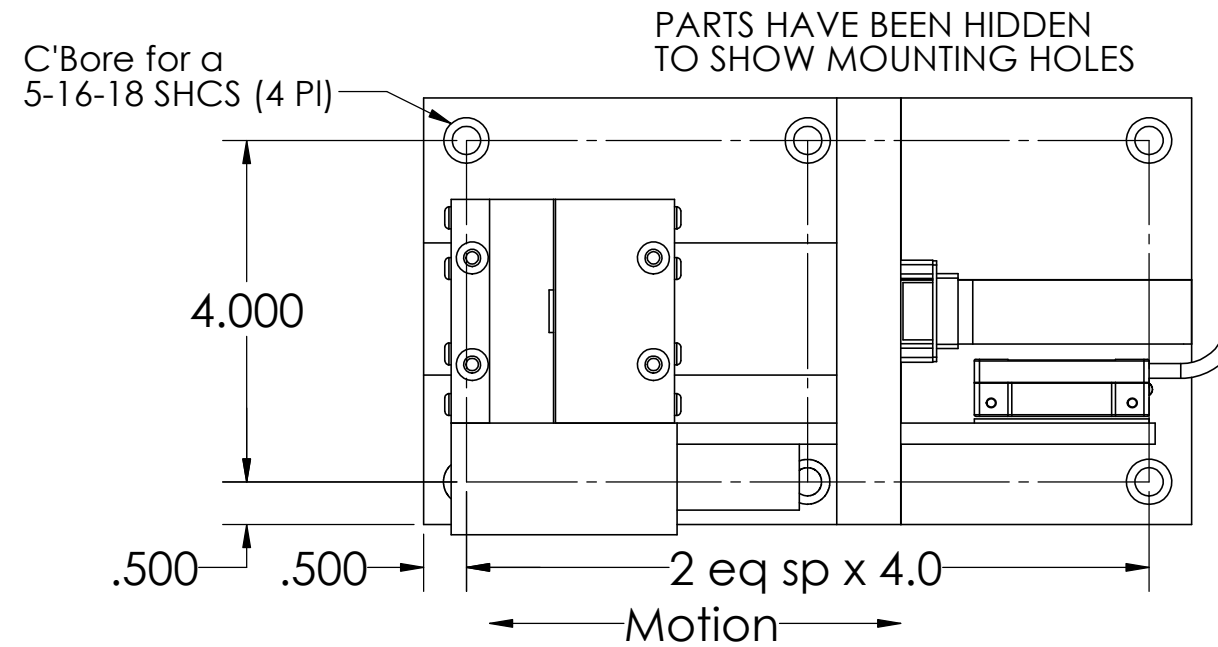


These drawings and specifications are the property of H2W Technologies, Inc. They are issued in confidence and shall not be reproduced, copied, or used without written permission from H2W Technologies, Inc.

REVISION TABLE						
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE	
---	---	Original Drawing	OOG	MPW	1-10-14	



UNLESS SPECIFIED OTHERWISE:
 All dimensions are in inches
 Standard Tolerances are as follows
 .XXX ±.005 ANGLES ±1°
 .XX ±.010 FILLETS AND
 .X ±.020 CORNERS .010
 Remove All Burrs and Sharp Edges

MATERIAL		FINISH	
DRAWN	DATE	APPROVED	DATE
OOG	1-10-14	MPW	1-10-14

TITLE			
Voice Coil Positioning Stage Model #VCS06-500-CR-01A-MC			
DWG #	REV	SHEET	
31-0667	---	1 of 2	

H2W Technologies, Inc.
 26470 Ruether Ave #102 Santa Clarita, CA 91350 USA
 Tel: (661) 251-2081 Fax: (661) 251-2067
 www.h2wtech.com

VOICE COIL POSITIONING STAGE SPECIFICATIONS		
Motor P/N	NCC06-60-500-1X	
Stroke	0.64"	16.3 mm
Encoder Resolution	1 micron (Absolute)	
Bearing Type	Crossed Roller	
Moving Mass	3.0 lbs	1.4 Kg
Total Mass	25 lbs	11.4 Kg
Resistance @ 20C	6.5 ohms	
Inductance @ 20C	4.6 mH	
Electrical Time Constant	0.71 msec	
Motor Constant	5.50 LBS/SQRT(Watt)	24.5 N/SQRT(Watt)
Force Constant	14.0 LBS/Amp	62.3 N/Amp
Back EMF	1.6 V/ips	62.3 V/m/sec
Continuous Force	50 LBS	227 N
Power @ 100% Duty	83 Watts	
Peak Force	150 LBS	681 N
Power @ 10% Duty	744 Watts	

