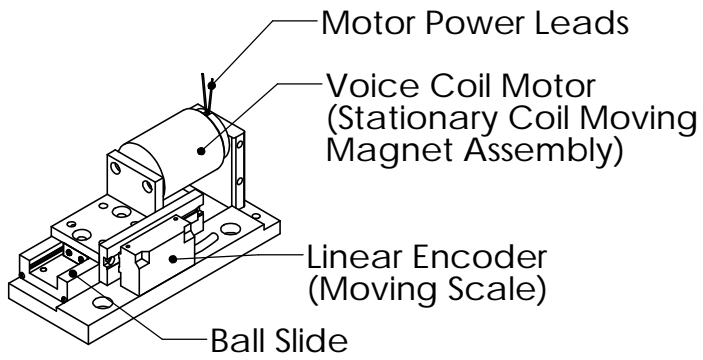
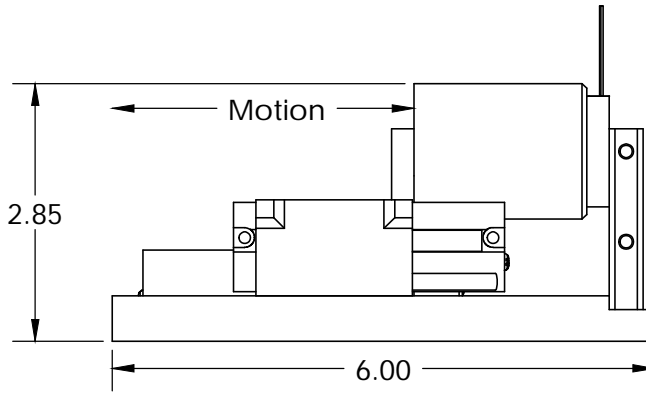
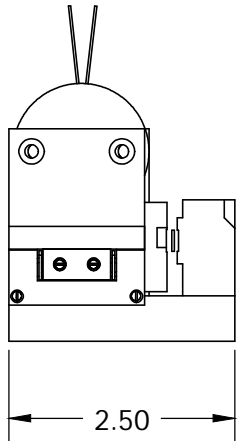
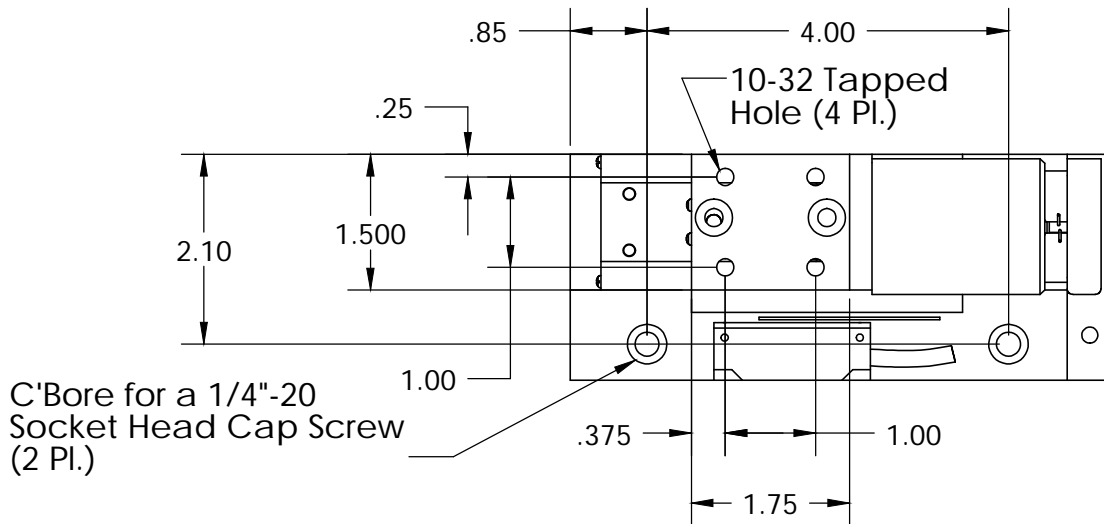


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<p>H2W Technologies, Inc. 26470 Ruether Ave #102 Santa Clarita, CA 91350 USA Tel: (661) 251-2081 Fax: (661) 251-2067 www.h2wtech.com</p>			
<p>TITLE Voice Coil Positioning Stage Model #VCS10-023-BS-01</p>			
DWG #	REV	SHEET	
31-0009	---	1 of 2	

<p>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</p>			
MATERIAL		FINISH	
DRAWN	DATE	APPROVED	DATE
JRM	9-22-05	MPW	9-22-05

VOICE COIL POSITIONING STAGE SPECIFICATIONS		
Motor P/N	NCC10-15-023-1X	
Stroke	1.00"	25.4 mm
Encoder Resolution	1 micron	
Bearing Type	Ball Slide	
Moving Mass	0.28 lbs	127 grams
Total Mass	1.42 lbs	642 grams
Resistance @ 20C	7.5 ohms	
Inductance @ 20C	3.3 mH	
Electrical Time Constant	0.44 msec	
Motor Constant	0.85 LBS/SQRT(Watt)	3.78 N/SQRT(Watt)
Force Constant	2.3 LBS/Amp	10.2 N/Amp
Back EMF	0.26 V/ips	10.2 V/m/sec
Continuous Force	2.3 LBS	10.2 N
Max Power @ 100% Duty	7 Watts	
Peak Force	6.9 LBS	30.7 N
Max Power @ 10% Duty	66 Watts	

TITLE	Voice Coil Positioning Stage Model #VCS10-023-BS-01	
DWG #	31-0009	REV --- SHEET 2 of 2