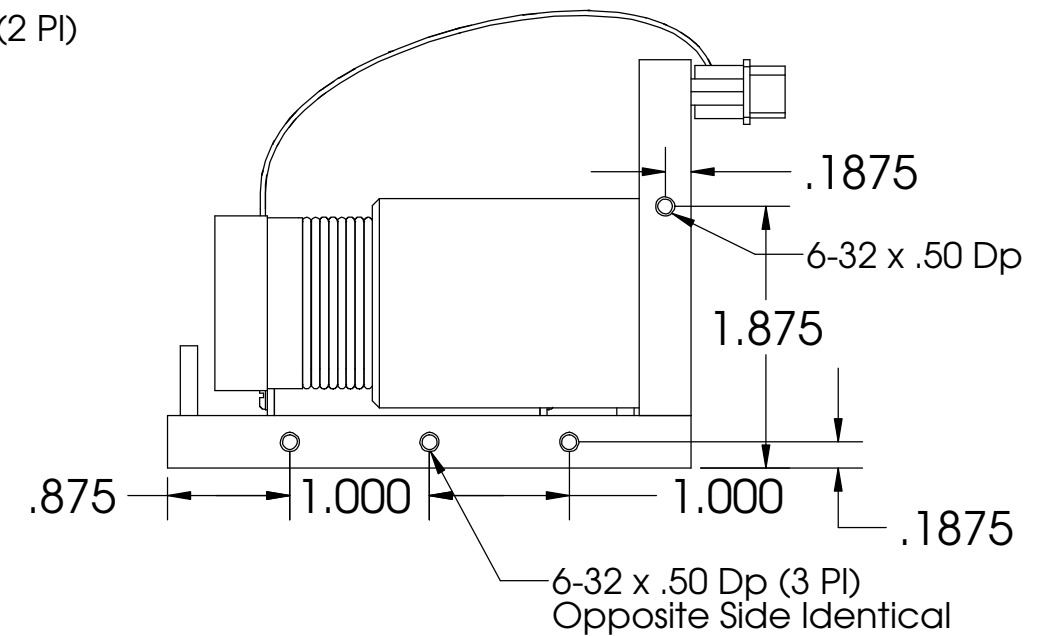
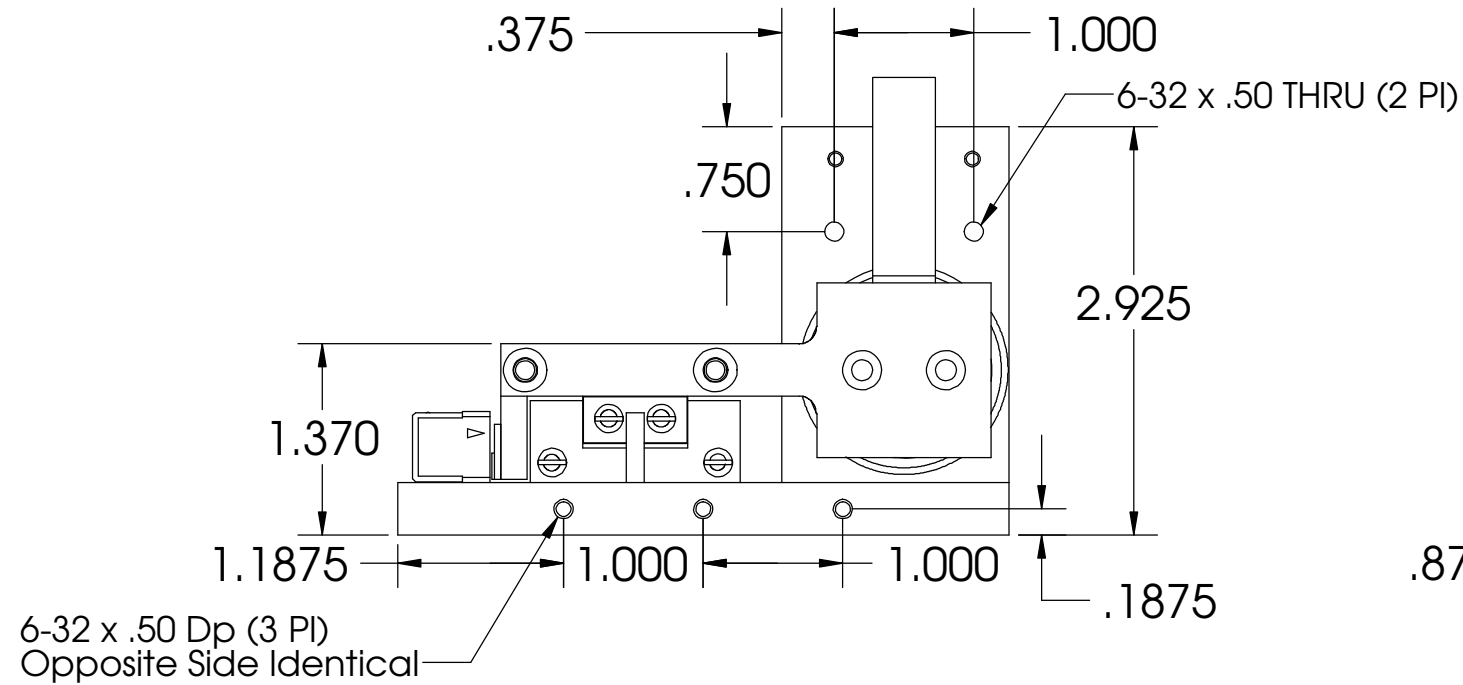
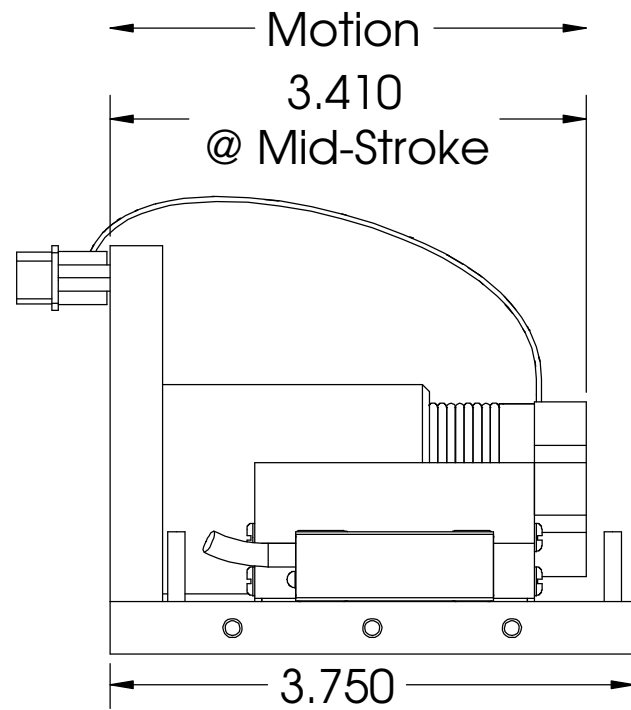
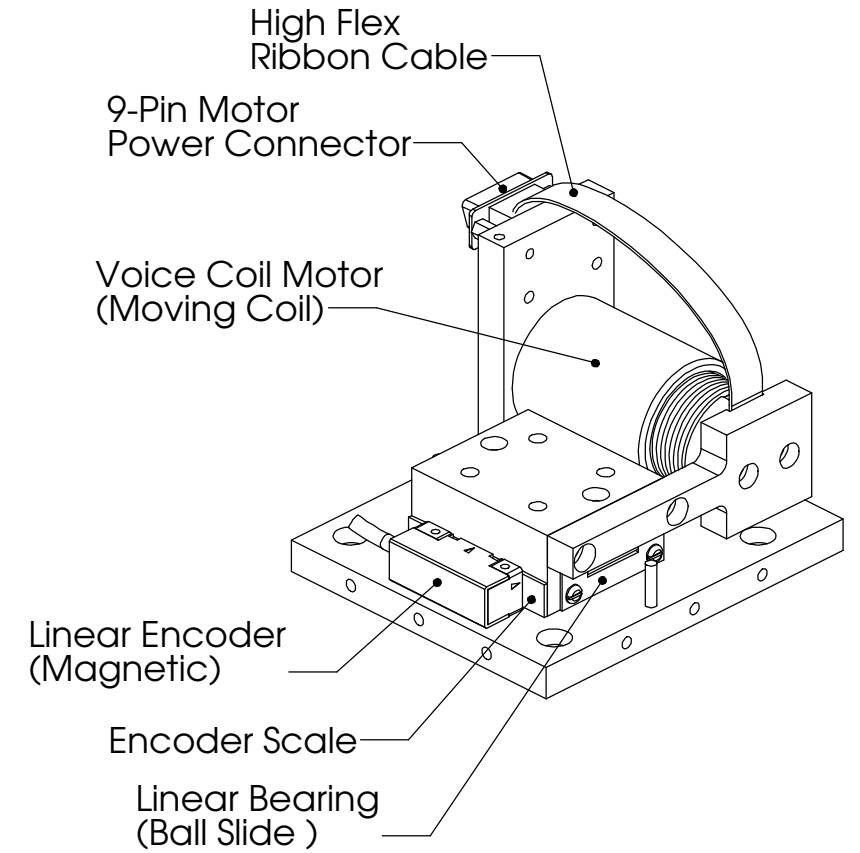
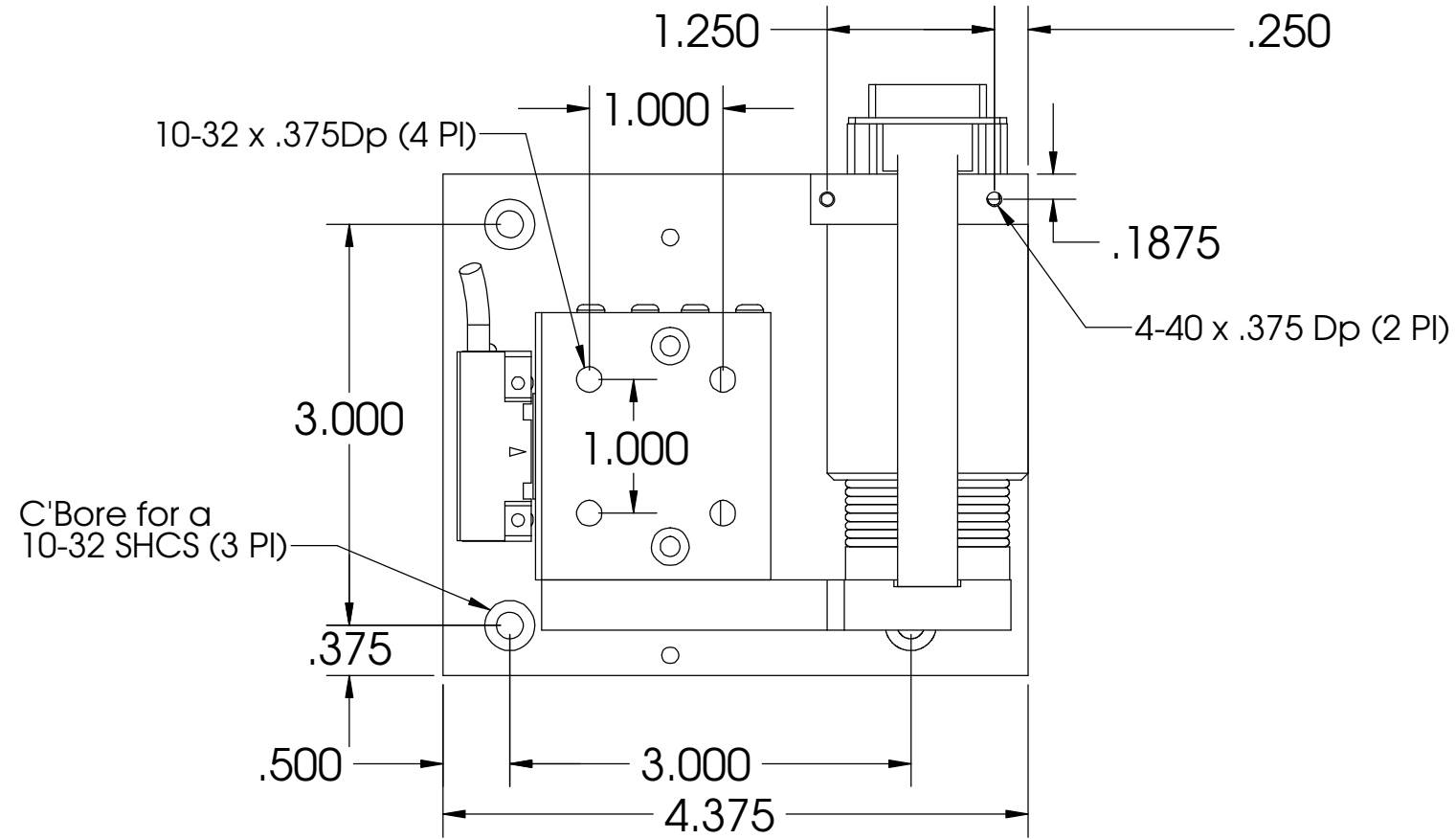


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**H2W Technologies, Inc.**  
 26470 Ruether Ave #102 Santa Clarita, CA 91350 USA  
 Tel: (661) 251-2081 Fax: (661) 251-2067  
 www.h2wtech.com

UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows .XXX ±.015 ANGLES ±1° .XX ±.010 FILLETS AND .X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges				MATERIAL		TITLE	
				FINISH		Voice Coil Positioning Stage	
				Gold Plated		Model #: VCS10-023-BS-01-MCS-R	
DRAWN	DATE	APPROVED	DATE	DWG#	REV	SHEET	
OOG	10-26-10	MPW	10-26-10	31-0259	B	1 of 2	

<b>VOICE COIL POSITIONING STAGE SPECIFICATIONS</b>		
Motor P/N	NCC10-15-023-1X	
Stroke	1.00"	25.4 mm
Encoder Resolution	1 micron	
Bearing Type	Ball Slide	
Moving Mass	0.32 lbs	145 grams
Total Mass	1.38 lbs	627 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	