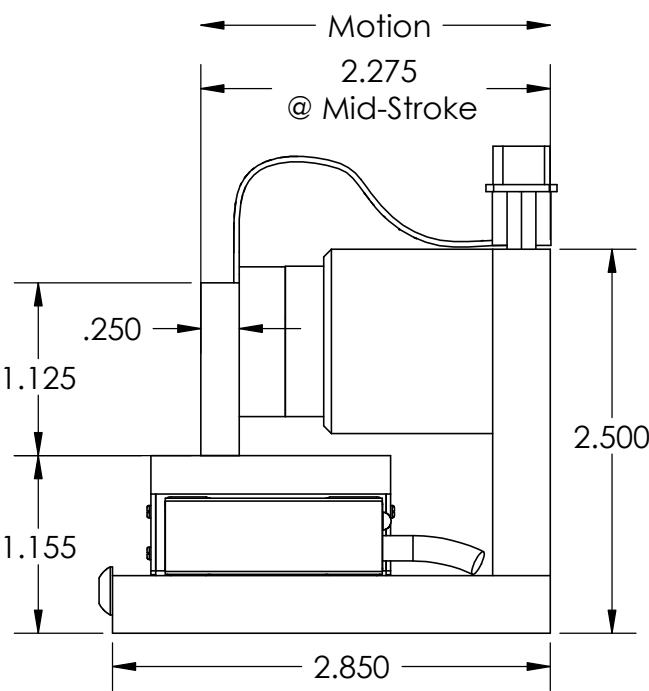
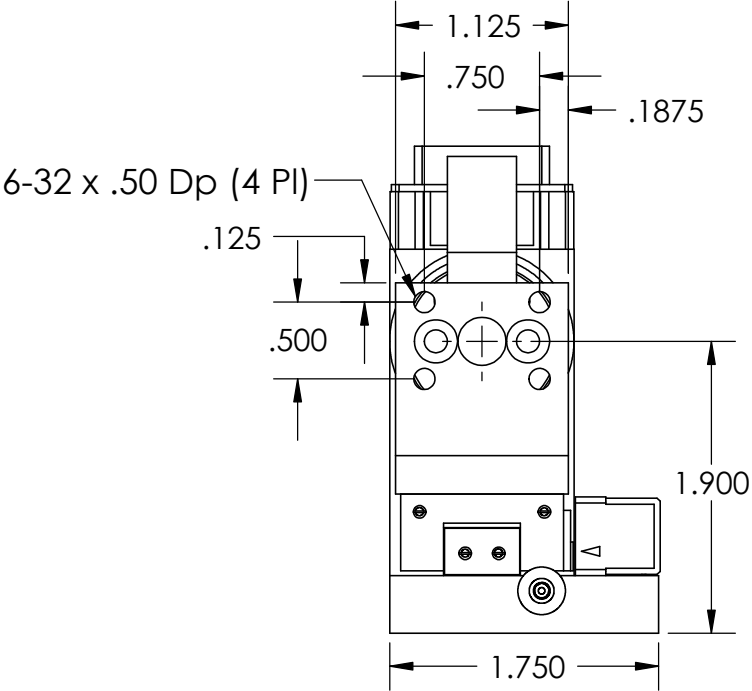
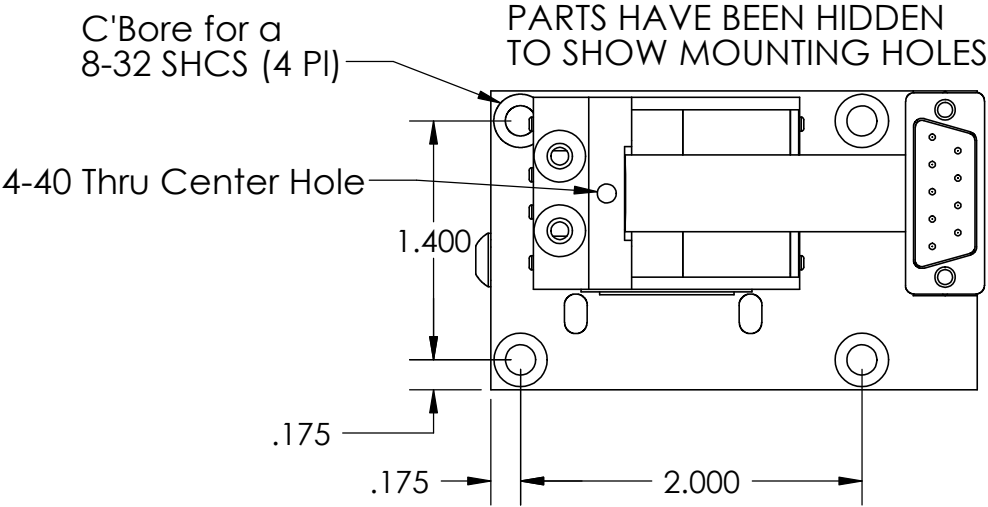


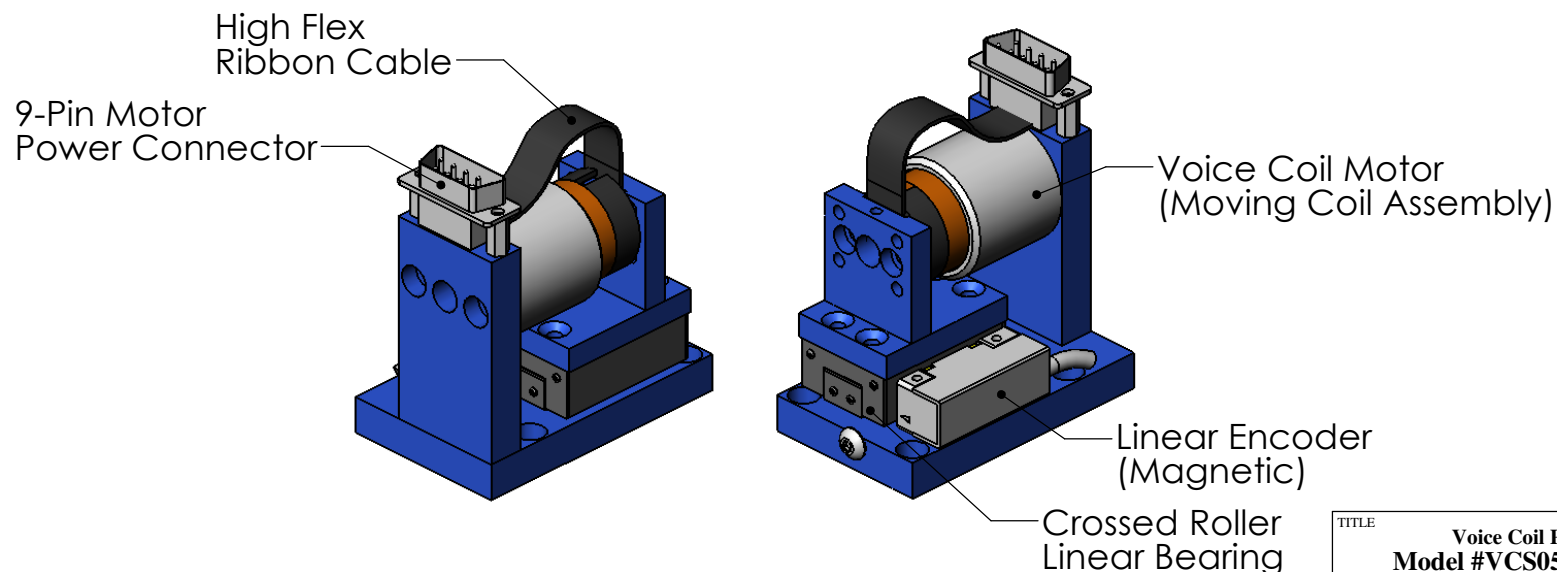
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REVISION TABLE					
REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	4-11-15



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 Burs and Sharp Edges				MATERIAL		TITLE	
				FINISH		H2W Technologies, Inc. 26380 Ferry Court Santa Clarita, CA 91350 USA Tel: (661) 291-1620 Fax: (661) 291-1626 www.h2wtech.com	
				DRAWN		Model #VCS05-011-CR-01 MCH	
				OOG		DWG # 31-0244	
				DATE		REV	
				4-11-15		---	
				APPROVED		SHEET	
				MPW		1 of 1	
				DATE			
				4-11-15			

VOICE COIL POSITIONING STAGE SPECIFICATIONS		
Motor P/N	NCC05-11-011-1X	
Stroke	0.50"	12.07 mm
Encoder Resolution	1 micron	
Encoder Type	Magnetic	
Bearing Type	Crossed Roller	
Moving Part	Coil Assembly	
Moving Mass	0.20 lbs	90 grams
Total Mass	0.80 lbs	360 grams
Resistance @ 20C	3.0 ohms	
Inductance @ 20C	1.0 mH	
Electrical Time Constant	0.33 msec	
Motor Constant	0.67 LBS/SQRT(Watt)	2.98 N/SQRT(Watt)
Force Constant	1.2 lbs/Amp	5.2 N/Amp
Back EMF	0.13 V/ips	5.2 V/m/sec
Force @ 100% Duty	1.1 lbs	4.9 N
Power @ 100% Duty	3 watts	
Current @ 100% Duty	1.0 Amps	
Force @ 10% Duty	3.3 lbs	14.7 N
Power @ 10% Duty	24 watts	
Current @ 10% Duty	2.8 Amps	



TITLE		
Voice Coil Positioning Stage Model #VCS05-011-CR-01 MCH		
DWG #	31-0244	REV ---
		SHEET 2 of 2