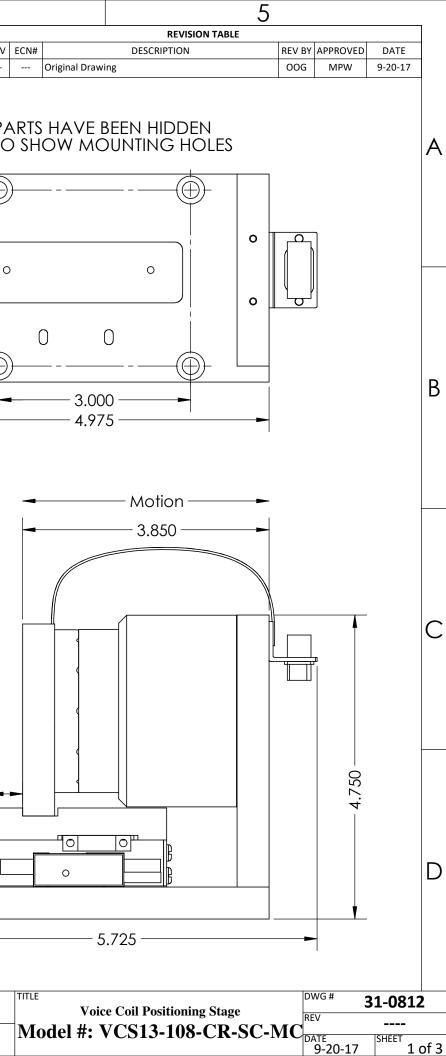
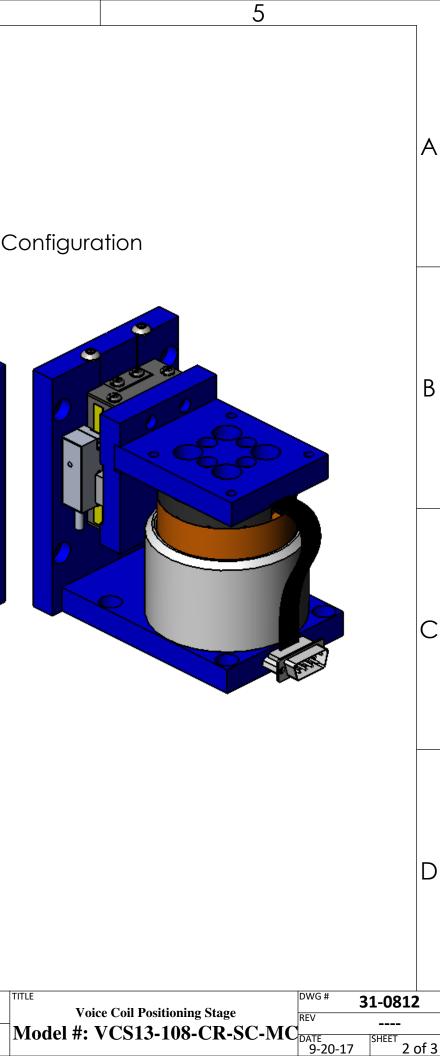
-	1	2	3	4
			1/-	4 C'Bore (4 PI)
А				PA 72. TO
В				750
	PARTS HAVE BEEN H TO SHOW MOUNTIN	HDDEN NG HOLES		
	.250 - 3.000 - 2.500 -	>		
С				-TAP 1/4-20 x .50Dp (4 Pl)
	3:000	1/4 C'Bore (4 Pl)		
	m 000			.500
D				
Ć	H2W Technologies, Inc. Santa Clarita, CA 91350 USA Tel: (661) 291-1620 www.h2wtech.com	Md specifications are W Technologies, Inc. confidence and shall ed, copied, or used nologies, Inc. WUNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows XXX ± .005 ANGLES ±.1.2 XX ±.005 ANGLES ±.1.2 XX ±.010 FILLETS .010 X ± .020 CORNERS .010 Remove All Burrs and Sharp Edges	Material Motor Shown at Mid-Stroke	



	1	2		3		4
A						
	Horiz	contal Configuration	l			VerticalCo
С						<image/>
D						
H2W Tec	hnologies, Inc. These drawings and the property of H2V	specifications are UNLESS SPECIFIED OTHERWISE: / Technologies, Inc. All dimensions are in inches	FOR]	MATERIAL	Tr
Santa Clarit Tel: (6	hnologies, Inc. ta, CA 91350 USA 561) 291-1620 n2wtech.com	$\begin{array}{c} \text{specifications are} \\ \text{/ Technologies, Inc.} \\ \text{i, copied, or used} \\ \text{ologies, Inc.} \\ \text{specification from} \\ \text{ologies, Inc.} \\ \end{array} \\ \begin{array}{c} \text{UNLESS SPECIFIED OTHERWISE:} \\ \text{All dimensions are in inches} \\ \text{Standard Tolerances are as follows} \\ \text{.XX} \pm .005 \text{ANGLES} \pm .1^{*} \\ \text{.XX} \pm .005 \text{ANGLES} \pm .1^{*} \\ \text{.XX} \pm .001 \text{FILLETS} .010 \\ \text{Remove All Burrs and Sharp Edges} \\ \end{array}$	FOR REFERENCE ONLY		FINISH	Ν
		Nemove An Burrs and Sharp Edges				



2	3	
MOVING COIL	NON-COMM ACTUATOR SP	PECIFICATIONS
Motor P/N	NCC13-3	80-108-1H
Stroke	1.25"	31.8 mm
Encoder Resolution	Sin	/Cos
Bearing Type	Crosse	d Roller
Moving Mass	1.50 lbs	418 grams
Total Mass	6.0 lbs	2.0 Kg
Resistance @ 20C	4.8 (ohms
Inductance @ 20C	4.1	mH
Electrical Time Constant	0.9 r	nsec
Motor Constant	2.3 LBS/SQRT(Watt)	7.6 N/SQRT(Watt
Force Constant	5.0 LBS/Amp	22.3 N/Amp
Back EMF	0.5 V/ips	22.3 V/m/sec
Continuous Force	10.8 LBS	48 N
Max Power @ 100% Duty	23 V	Vatts
Peak Force	32.4 LBS	144 N
Max Power @ 10% Duty	200	Watts

А

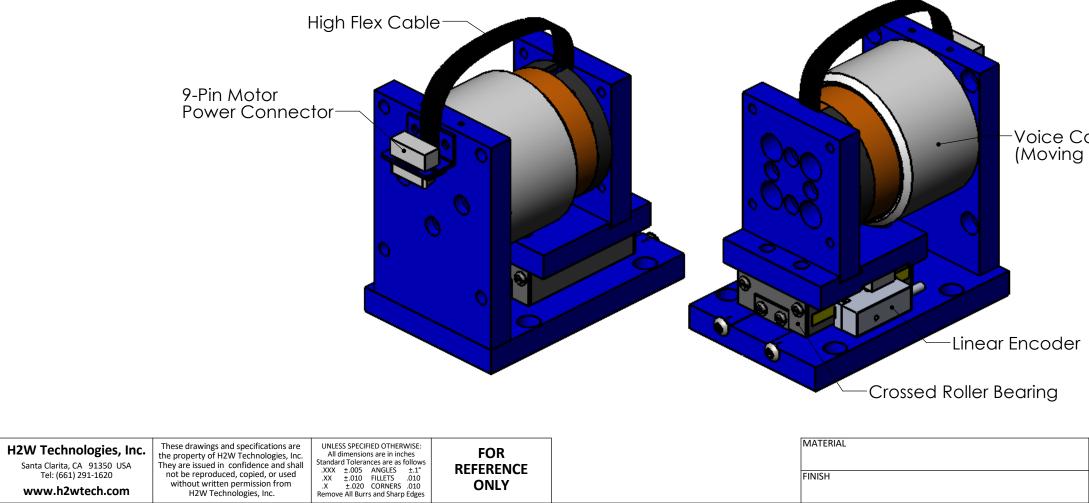
В

С

D

TECHNOLOGIES

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ONLY

FINISH

			В
oil Motor Coil Assembly)			С
			D
TITLE Voice Coil Positioning Stage	DWG #	31-0812	
Model #: VCS13-108-CR-SC-MC	DATE 9-20-17	SHEET 3 O	of 3

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