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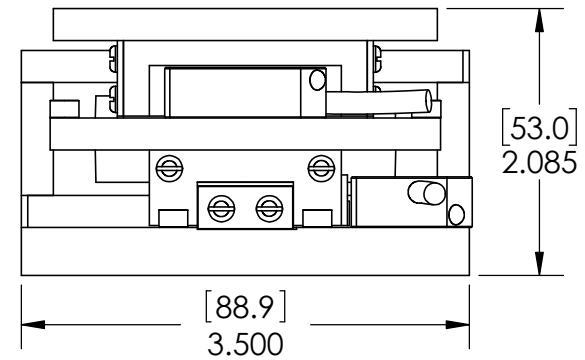
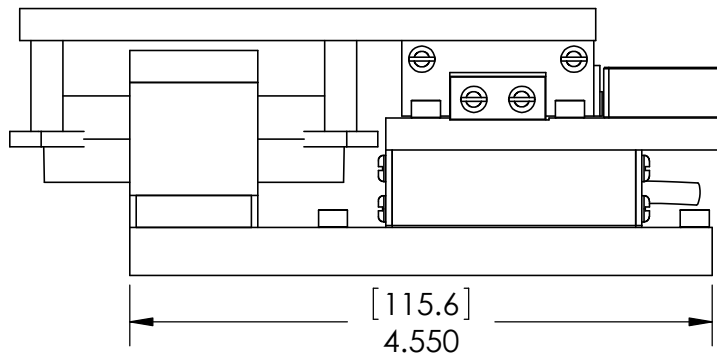
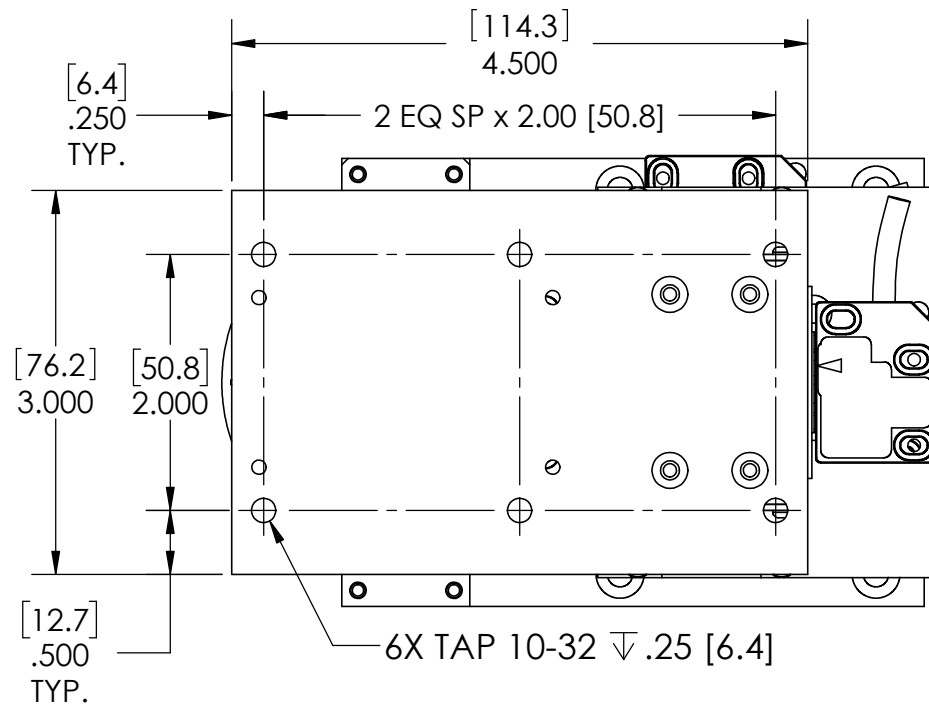
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REVISION TABLE

REV	ECN#	DESCRIPTION	REV BY	APPROVED	DATE
---	---	Original Drawing	OOG	MPW	9-5-08



H2W Technologies, Inc.

Santa Clarita, CA 91350 USA
Tel: (661) 291-1620

www.h2wtech.com

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Standard Tolerances are as follows
XXX ±.005 ANGLES ±1°
.XX ±.010 FILLETS .010
.X ±.020 CORNERS .010
Remove All Burrs and Sharp Edges

**FOR
REFERENCE
ONLY**

MATERIAL

FINISH

TITLE

Voice Coil Stage Model #:
VCS06-010-BS-01-MXY

DWG #

31-0096

REV

DATE

9-5-08

SHEET

1 of 3

1

2

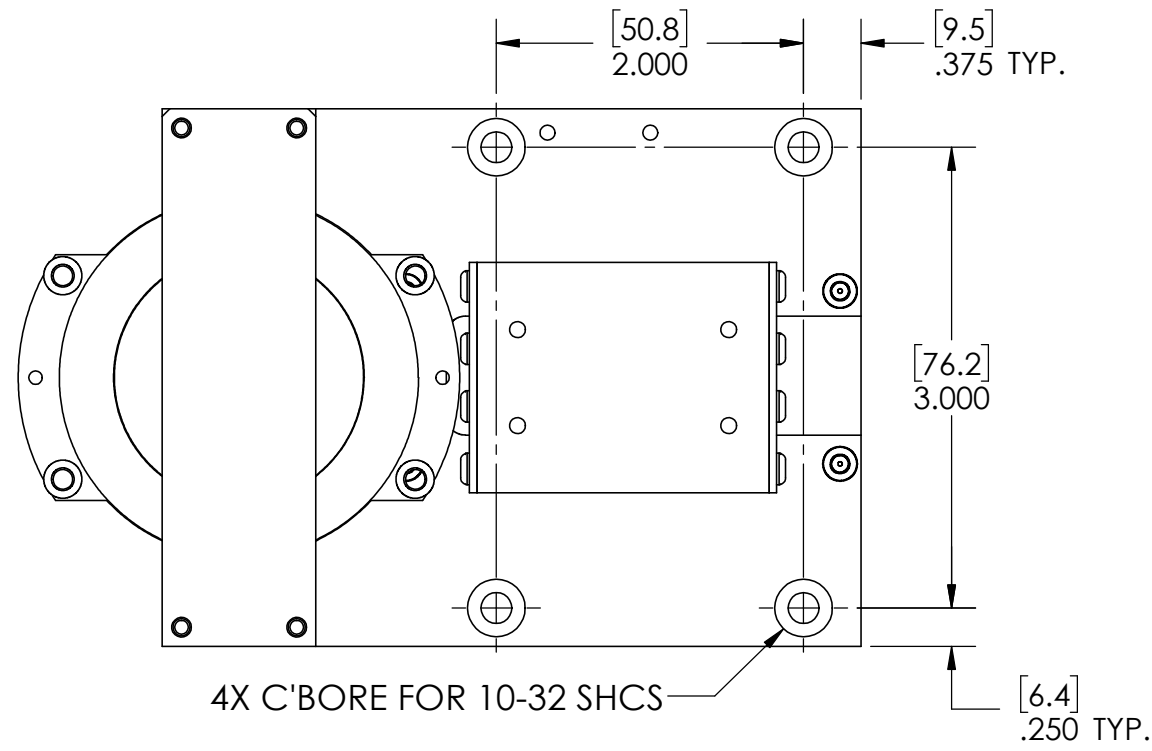
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MOUNTING PROVISIONS

PARTS HAVE BEEN HIDDEN TO
SHOW BASE MOUNTING HOLES



A

A

B

B

C

C

D

D



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MATERIAL
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TITLE
**Voice Coil Stage Model #:
 VCS06-010-BS-01-MXY**

DWG # **31-0096**
 REV ----
 DATE 9-5-08 SHEET 2 of 3

1

2

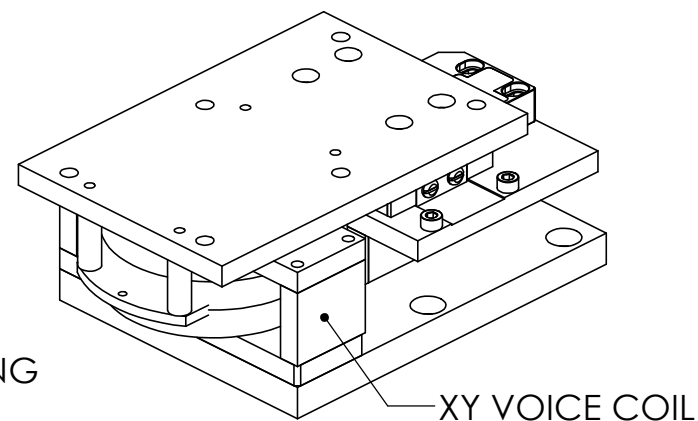
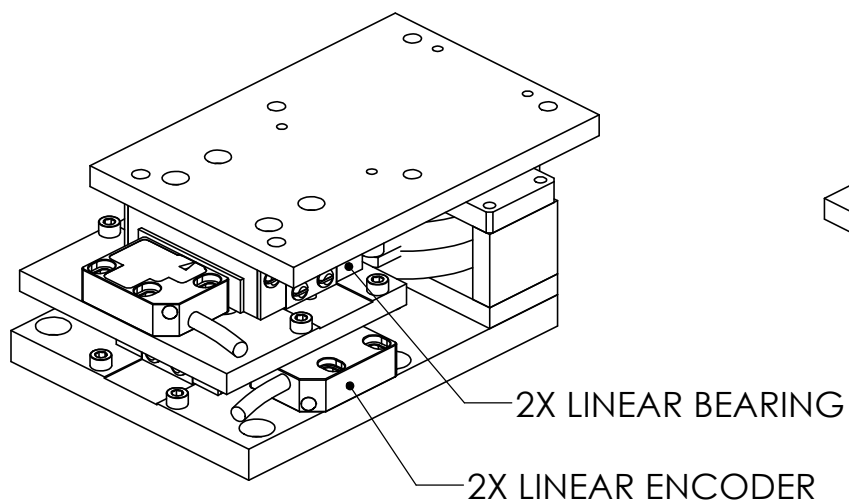
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VOICE COIL POSITIONING STAGE SPECIFICATIONS

Motor P/N	NCC06-24-010-XY	
Stroke	0.62"	15.75 mm
Encoder Resolution	1 micron	
Bearing Type	Ball Slide	
Moving Mass	1.06 lbs	471 grams
Total Mass	2.72 lbs	1205 grams
Resistance @ 20C	4.70 ohms	
Inductance @ 20C	1.25 mH	
Electrical Time Constant	0.25 msec	
Motor Constant	0.36 LBS/SQRT(Watt)	1.60 N/SQRT(Watt)
Force Constant	0.75 LBS/Amp	3.3 N/Amp
Back EMF	0.08 V/ips	3.33 V/m/sec
Continuous Force	.75 LBS	3.3 N
Max Power @ 100% Duty	4.7 Watts	
Peak Force	2.25 LBS	10.0 N
Max Power @ 10% Duty	42.3 Watts	



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DATE 9-5-08 SHEET 3 of 3